



Ministry
of the
Environment

Water Resources
Bulletin 2-107
Ground water series

Hon. Keith C. Norton, Q. C., *Minister*
Gérard J. M. Raymond, *Deputy Minister*

LABORATORY & RESEARCH LIBRARY
MINISTRY OF THE ENVIRONMENT

DATA FOR OBSERVATION WELLS IN ONTARIO 1980

MOE
WRB
GWS
2-107

c.2
a aa

Copyright Provisions and Restrictions on Copying:

This Ontario Ministry of the Environment work is protected by Crown copyright (unless otherwise indicated), which is held by the Queen's Printer for Ontario. It may be reproduced for non-commercial purposes if credit is given and Crown copyright is acknowledged.

It may not be reproduced, in all or in part, for any commercial purpose except under a licence from the Queen's Printer for Ontario.

For information on reproducing Government of Ontario works, please contact ServiceOntario Publications at copyright@ontario.ca

WATER RESOURCES

BULLETIN 2-107

Ground water series

**DATA FOR
OBSERVATION WELLS
IN ONTARIO
1980**



Environment Ontario
Laboratory Library
125 Resources Rd.
Etobicoke, Ontario M9P 3V6
Canada

MINISTRY OF THE ENVIRONMENT

Water Resources Branch

TORONTO

ONTARIO

Permission to republish must be obtained in writing from:

The Director
Water Resources Branch
Ontario Ministry of the Environment
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5

Additional copies of this "Water Resources Bulletin" may be obtained in person from the Ontario Government Bookstore, 880 Bay Street, Toronto, Ontario or by mail from the Ontario Government Publications Centre, 5th Floor, 880 Bay Street, Toronto, M5S 1Z8.

ISSN 0701-7499

ISSN 0383-5456

Parts of this publication may be quoted if credit is given. It is recommended that reference to this bulletin be made in the following form:

Ontario Ministry of the Environment, 1982. Water Resources Bulletin 2-107, Data for Observation Wells in Ontario, 1980.

Every possible effort is made to ensure the accuracy of the information contained in this publication. Verification of any suspect data may be obtained by contacting the Hydrology and Monitoring Section, Water Resources Branch, Toronto (965-6995).

TABLE OF CONTENTS

	Page
Introduction	iv
Ground Water Levels	v
Observation Well Network	vi
Hydrographs	vi
Data Collection and Distribution	vi
Observation Well Distribution	vii
Observation Well Information	vii
Explanation of Well Specifications	viii
Observation Well Number	viii
Well Record Number	viii
Concessions	viii
UTM Co-ordinates	viii
Latitude and Longitude	viii
Recording Method	ix
Recording Commenced	ix
Measuring Point	ix
Well Type	ix
Diameter of Well	ix
Ground Elevation	ix
Length of Casing	ix
Length of Screen	ix
Pump Rate	ix
Specific Capacity	x
Aquifer	x
Quality	x
Well Log	x
Monthly Summary	x
Mean	x
Instantaneous Maximum	x
Instantaneous Minimum	x
Abbreviations Used to Describe Surveys and Tracts	xi
Well Index - Southwestern Region	xii
- West-Central Region	xiii
- Central Region	xiii
- Southeastern Region	xiv
- Northeastern Region	xiv
- Northwestern Region	xiv

OBSERVATION WELL DATA

Southwestern Region	1
West-Central Region	32
Central Region	55
Southeastern Region	103
Northeastern Region	118
Northwestern Region	122
Metric - Imperial Conversion Factors	125
Conversion Table - Metres to Feet	126

INTRODUCTION

The ground-water regime that exists in any area is a result of the geology, topography, drainage and climate of that area. Water which enters the soil and percolates downward into the zone of saturation, where all the voids and openings of the materials in the ground are filled with water, is commonly referred to as ground water. The top of this zone of saturation or ground-water system is called the water table and in Ontario is often found a few feet below the ground surface.

Precipitation in the form of rain and snow is the main source of ground water. In general, approximately 40% of all precipitation becomes surface runoff or infiltrates into the ground. The rest is returned to the atmosphere by evaporation from the soil and open bodies of water, and by transpiration from vegetation. Precipitation averages over 76 centimetres (30 inches) annually in most parts of southern Ontario. Forty percent of this amounts to 212 million litres of precipitation on each square kilometre of land surface, or 174 million gallons on each square mile. Generally, less than one half of this volume of water will infiltrate and move through the ground-water system before being discharged into streams or lakes. Since infiltration rates are comparatively higher in sand and gravel areas than in clay areas, recharge to ground water will be correspondingly higher in sands and gravels.

Geologic formations that contain, transmit and yield ground water in usable quantities are termed aquifers. The degree to which a formation will store and yield water is dependant on its porosity and permeability. The porosity of a material is the proportion of openings or pore spaces to the volume of the material. The permeability gauges the rate at which a material will transmit water, and is dependent on the size and degree of interconnection of the pore spaces. Thus, a fine silty sand may have a higher porosity than a medium sand, but the finer material will have a lower permeability and yield smaller quantities of water to wells.

The amount of water that can be extracted from any area depends on the characteristics of the aquifers. Fine-grained overburden materials such as clays and silts are generally poor sources of water supply. Wells developed in such materials may not meet normal household requirements (450 litres/capita/day) if adequate storage is not provided. Coarse overburden materials such as sands and gravels have high permeabilities and are usually very good sources of ground water. Bedrock materials with adequate permeabilities resulting from fractures and solution cavities are also good sources of ground water.

Numerous factors such as the amount and intensity of rainfall, nature of the soil and vegetation, slope of land surface, and wind and temperature conditions also have a bearing on the amount of precipitation that becomes ground water. Before large withdrawals of ground water are planned in an area, a reliable estimate should be made of the average annual recharge to ground water. If this is done, the depletion of ground water stored in the aquifer can usually be avoided, and pumping installations can be designed for long, economical use.

GROUND-WATER LEVELS

One of the keys to the availability of ground water in a particular area is the actual water level as measured in a well. Ground-water levels may be a reflection of static or equilibrium ground-water conditions, or they may reflect artificial drawdown conditions caused by local withdrawals. A continuous record of water-level fluctuations reveals numerous factors concerning both the ground-water regime and the characteristics of a particular water-bearing formation. The continuous record, or hydrograph, is useful in analyzing natural long-term fluctuations in ground-water levels which are related commonly to precipitation, evapotranspiration and the discharge of water to streams.

In addition to monitoring natural ground-water level fluctuations, observation wells are established to determine the effects of large ground-water withdrawals from aquifers, to show the effects of natural and artificial recharge on aquifers, to assist in drainage basin analyses by providing data to show recharge and discharge areas, and to show regional and local ground-water flow patterns. Together with data on pumping rates, pumping levels and other aquifer characteristics, the water levels in observation wells are utilized in the calculation of the potential yield of aquifers and high-capacity production wells.

The water level in an unpumped observation well is referred to as the static level. Fluctuations in this level result either from natural causes such as precipitation, evaporation and ground-water discharge, or from artificial causes such as pumping or artificial recharge. A static level that follows a downward trend may forecast serious problems resulting from overpumping, reduced recharge due to changed soil or vegetational cover, or a combination of these and other factors. A knowledge of ground-water levels is a prerequisite to good ground-water management. Problems of water shortages and complaints about well interference cannot be fully understood or resolved without reliable data on water-level fluctuations.

In Ontario, ground-water levels normally rise during the fall, early winter and spring snowmelt periods when transpiration and evaporation are minimal. Throughout the warm-weather growth period, the amount of water infiltrating is greatly decreased by evaporation and transpiration. As a result, recharge to ground water is minimized and ground-water levels generally decline during this period.

OBSERVATION WELL NETWORK

The observation well network in the Province of Ontario dates back to 1946 when the initial step in establishing the network was taken by the Ontario Department of Mines. Some of the original wells are still being used for observation purposes. The observation wells within the network consist primarily of drilled and bored wells, the type used commonly for supply purposes, as well as the more specialized piezometer tubes, which are used specifically for water-level measurement purposes. Water levels are measured either manually by tape or by automatic water-level recorders. Abandoned wells are ideally suited for observation purposes because the water-level fluctuations will not be affected by withdrawals of ground water from the wells. Observation wells in some cases have been acquired over the years in co-operation with private individuals or municipalities. Other wells have been constructed by the Ministry of the Environment specifically for water management and interference studies, and for river basin studies. New wells are regularly being incorporated into the network as new studies or water management problems arise. Older wells are phased out as sufficient data are gathered to satisfy the original intended use, or if a particular property owner wishes to use the well for other purposes.

HYDROGRAPHS

Included in this bulletin are yearly hydrographs for all observation wells that are equipped with water-level recorders. These hydrographs are computer-generated plots of water level data that have been transcribed from the water level recorder charts using an X-Y co-ordinate digitization method. The hydrographs show actual water levels and give a complete picture of water level fluctuations in any one observation well for the entire year.

DATA COLLECTION AND DISTRIBUTION

The observation well levels contained in this bulletin were collected by the Technical Support sections of this Ministry's Regional offices, located respectively in London, Hamilton, Don Mills, Kingston, Sudbury and Thunder Bay. Data compilation and publication were carried out by the Hydrology and Monitoring Section of the Water Resources Branch, Ministry of the Environment, Toronto.

Enquiries concerning observation well data should be made to the following:

Hydrology and Monitoring Section
Water Resources Branch
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5
(416-965-6995)

OBSERVATION WELL DISTRIBUTION

As of December 31, 1980 the distribution of observation wells within each Region of the Ministry was as follows:

<u>Region</u>	
1) Southwest	21
2) West-Central	20
3) Central	32
4) Southeast	11
5) Northeast	3
6) Northwest	<u>1</u>
TOTAL	<u>88</u>

Observation wells in this publication are indexed in the following order.

- 1) MOE Region - All observation wells located on one particular region are grouped together.
- 2) County - The wells are indexed by county, then by township.
- 3) Numerically - Where there is more than one well in a particular township they are listed by their observation well numbers.

The Regional maps show the approximate locations of the recording wells and can be used as a guide to the distribution of the wells in each Region.

OBSERVATION WELL INFORMATION

The data presented in this bulletin are presented in metric (SI) units. For the purpose of converting from metric units back to imperial units, a table is shown on page 125.

For those who require a more specialized type of output than that found in this bulletin, the following output options are available:

- 1) water-level tabulations in either English or metric units in any of the following formats:
 - a) daily mean values
 - b) daily instantaneous maximum values
 - c) daily instantaneous minimum values
- 2) annual hydrographs plotted in either "distance below ground level" or "elevation above sea level" in either metric or English units according to any of the following formats:
 - a) daily mean values
 - b) daily instantaneous maximum values
 - c) daily instantaneous minimum values
 - d) all the above plotted on same hydrograph
 - e) actual water-level plots from digitized points.
- 3) card outputs of any one of the following:
 - a) daily mean values
 - b) daily instantaneous maximum values
 - c) daily instantaneous minimum values

EXPLANATION OF WELL SPECIFICATIONS

OBSERVATION WELL NUMBER	The observation well number is assigned in numerical sequence at the time of the establishment of each observation well.
WELL REC. #	Each observation well is assigned a well record number to identify it within Ontario's water well record system. Each well record is assigned a unique number after it is filed with the Ministry.
CONC.	<p>The majority of townships in Ontario are surveyed into a regular pattern of concessions and lots; however, in some areas, geographical or historical factors may have created surveys of irregular shapes or patterns. This has resulted in many survey descriptions which are unique to certain areas.</p> <p>SEE: Abbreviations Used to Describe Surveys and Tracts.</p>
UTM CO-ORD.	<p>(Universal Transverse Mercator Co-ordinates in Metres) This location system makes use of a square grid, 1000 x 1000 metres, which is superimposed on maps of the National Topographic System. The vertical grid lines are called Eastings and the horizontal lines Northings.</p> <p>The Easting represents the distance of a well in an easterly direction from a given north-south reference line. The Easting is the figure immediately following the letter E.</p> <p>The Northing represents the distance of a well in a northerly direction from a given east-west reference line. The Northing is the figure immediately following the letter N.</p> <p>The zone number which follows the letter Z is also a part of the UTM co-ordinates.</p>
LAT & LONG	Latitudes and Longitudes were determined from plotted locations on topographic maps and are given to the nearest minute.

REC. METHOD	<p>The recording method describes the manner in which the data were obtained, i.e., automatic water-level recorder or manual measurement.</p> <p>The following automatic recorders are currently in use by the Ministry of the Environment:</p> <ul style="list-style-type: none"> - Stevens A-35 Recorder (Float actuated) - Stevens 'F' type recorder (Weekly/Monthly; Float actuated) - Brott Recorder (Nitrogen gas actuated)
REC. COMMCD	Water-level recording was commenced on the date listed.
MEASURE PT.	The measuring point is the reference point, either above or below ground level, from which measurements are taken for each observation well. This figure is subtracted or added to the recorder chart measurements to obtain water levels in metres below ground surface.
WELL TYPE	This describes the method of construction of the well, i.e. drilled, bored or dug.
DIAMETER OF WELL	Casing diameters are shown to the nearest centimetre. Where several sizes of casings were used, the diameter of the lowermost casing only is given.
GND ELEV.	The ground elevation at the well site is given in metres above mean sea level. The majority of the elevations were determined from plotted locations on the National Topographic maps and are therefore related to the accuracy of the locations and the scale of the maps.
LENGTH OF CASING	The length of casing is the distance from ground level to the end of the cased section of the well.
LENGTH OF SCREEN	This is the length of well screen, sand point or slotted pipe section.
PUMP RATE	This is the rate (in litres/sec) at which the well was test pumped. Where no pumping test was performed, the letters N.A. appear.

SPEC. CAP.	The specific capacity is determined using information obtained during the pumping test. It is calculated by dividing the pumping rate by the drawdown, which is the difference between the static water level before the test and the maximum pumping level measured during the test. Where no pumping test was performed, the letters N.A. appear.
AQUIFER	This lists the geological material of the main water-bearing formation.
QUALITY	After the construction of each well, the driller evaluates the water for taste and smell. The kind of water is shown by the following: <ul style="list-style-type: none"> Fresh Salty Sulphur Mineral
WELL LOG	This is a verbatim description of the well log as it was listed on the well record by the driller. Each formation is followed by a number which indicates the distance to the bottom of the formation in metres. The last number generally indicates the total depth of the well.
MONTHLY SUMMARY	Monthly summaries are printed only for those months in which there are data for every day in that month.
MEAN	This figure represents the mean monthly water level, measured in metres below ground surface.
INST. MAX.	This is the instantaneous maximum water level, in metres below ground surface recorded for that month. The bracketed figure (or figures) immediately below the INST. MAX. value indicates the date(s) on which that value occurred. If the maximum value falls on more than 4 days it is indicated by an asterisk.
INST. MIN.	This is the instantaneous minimum water level, in meters below ground surface, recorded for that month. The bracketed figure (or figures) immediately below the INST. MIN. value indicates the date(s) on which that value occurred. If the minimum value falls on more than 4 days it is indicated by an asterisk.

ABBREVIATIONS USED TO DESCRIBE SURVEYS AND TRACTS

<u>Abbreviations</u>	<u>Survey or Tract</u>	<u>Township</u>
<u>Southwestern Region</u>		
FC	Front Concession	South Colchester Twp.
NTR E	North Talbot Road East	Westminster Twp.
Range 1N	Range 1 North (Longwood's Rd. North)	Caradoc Twp.
WB	West Boundary Concession	Blanshard Twp.
<u>West-Central Region</u>		
BRN	Bleams Road North	Wilmot Twp.
BRS	Bleams Road South	Wilmot Twp.
ERS	Egremont Road South	Wilmot Twp.
JT	Jones Tract	N. Cayuga Twp.
SRS	Snider Road South	Wilmot Twp.
STR	South Talbot Road	Middleton Twp.
<u>Central Region</u>		
HSE	Hurontario Street East	Chinguacousy Twp.
HSW	Hurontario Street West	Chinguacousy Twp.
OS	Old Survey	King Twp.
1E	Conc. 1E (Yonge Street East)	East Gwillimbury Twp.
<u>Southeastern Region</u>		
MT	Military Tract	Hallowell Twp.
RF	Rideau Front	Gloucester Twp. Nepean
<u>Northwestern Region</u>		
Kam N	Kaministiquia North	Paipoonge Twp.

WELL INDEX

Southwestern Region

<u>County/ Reg. Municipality</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page Tabulation</u>	<u>Page Hydrograph</u>
Essex	Sandwich East Twp.	164	2	13
	Colchester South Twp.	170	2	14
	Colchester South Twp.	171	3	-
	Colchester South Twp.	222	3	15
Huron	Morris Twp.	351	4	16
Grey	Sullivan Twp.	194	4	17
Kent	Bothwell	172	5	18
	Howard Twp.	371	5	19
Lambton	Alvinston	207	6	20
	Forest	56	6	21
	Enniskillen Twp.	549	7	22
Middlesex	Caradoc Twp.	206	7	23
	Caradoc Twp.	543	8	-
	Lobo Twp.	100	8	24
	Lobo Twp.	107	9	25
	Westminster Twp.	71	9	26
	Westminster Twp.	513	10	27
Oxford	Blenheim Twp.	542	10	28
	South Norwich Twp.	177	11	29
Perth	Blanshard Twp.	45	11	30
	Stratford	182	12	31

WELL INDEX

West-Central Region

<u>County/ Reg. Municipality</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page Tabulation</u>	<u>Page Hydrograph</u>
Brant	Brantford Twp.	124	33	42
Dufferin	Luther Twp.	46	33	43
Haldimand-Norfolk	Middleton Twp.	413	34	44
	North Cayuga Twp.	64	34	45
	South Walsingham Twp.	138	35	-
	Townsend Twp.	545	35	46
Niagara	North Grimsby Twp.	399	36	47
	Wainfleet Twp.	228	36	48
Waterloo	Elmira	33	37	49
	Kitchener	82	37	50
	Wilmot Twp.	396	38	51
	Wilmot Twp.	514	38	52
Wellington	Erin Twp.	551	39	53
	Guelph Twp.	532	39	-
	Guelph Twp.	537	40	54
	Nichol Twp.	536	40	-
	Puslinch Twp.	131	41	-
	Puslinch Twp.	213	41	-

Central Region

Durham	Clarke Twp.	526	56	72
	Darlington Twp.	509	56	73
	Pickering Twp.	405	57	74
	Pickering Twp.	406	57	75
	Pickering Twp.	512	58	76
Halton	Burlington	531	58	77
	Esquesing Twp.	437	59	78
	Georgetown	377	59	79
	Trafalgar Twp.	374	60	80
Northumberland	Hope Twp.	530	60	81
Peel	Albion Twp.	253	61	82
	Caledon Twp.	214	61	83
	Chinguacousy Twp.	167	62	84
	Chinguacousy Twp.	168	62	85
Peterborough	Cavan Twp.	553	63	86

WELL INDEX

Central Region Cont'd

<u>County/ Reg. Municipality</u>	<u>Municipality</u>	<u>Observation Well #</u>	<u>Page Tabulation</u>	<u>Page Hydrograph</u>
Simcoe	Barrie	529	63	87
	Essa Twp.	7	64	88
	Vespra Twp.	552	64	81
	Wasaga Beach	373	65	90
Victoria	Mariposa Twp.	375	65	91
York	East Gwillimbury Twp.	528	66	92
	Georgina Twp.	527	66	93
	King Twp.	342	67	94
	King Twp.	343	67	95
	King Twp.	538	68	96
	King Twp.	540	68	97
	Markham Twp.	106	69	98
	Markham Twp.	305	69	99
	North York	90	70	100
	Vaughan Twp.	539	70	101
	Whitchurch Twp.	340	71	102

Southeastern Region

Dundas	Chesterville	522	104	109
Grenville	Edwardsburgh Twp.	523	104	-
Hastings	Hungerford Twp.	209	105	110
	Sidney Twp.	400	105	111
	Sidney Twp.	554	106	112
	ThurLOW Twp.	122	106	113
Ottawa-Carleton	Gloucester Twp.	555	107	114
	Nepean Twp.	541	107	115
Prince Edward	Hallowell Twp.	178	108	116
Russell	Clarence Twp.	546	108	117

Northeastern Region

Sudbury	Hanmer Twp.	550	119	120
Timiskaming	Armstrong Twp.	556	119	121

Northwestern Region

Thunder Bay	Paiponge Twp.	548	123	124
-------------	---------------	-----	-----	-----

Southwestern Region



Ministry
of the
Environment

1

Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE

LONDON

985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES

Windsor

250 Windsor Ave
519-254-5129

Sarnia

242A Indian Rd. S.
519-336-4030

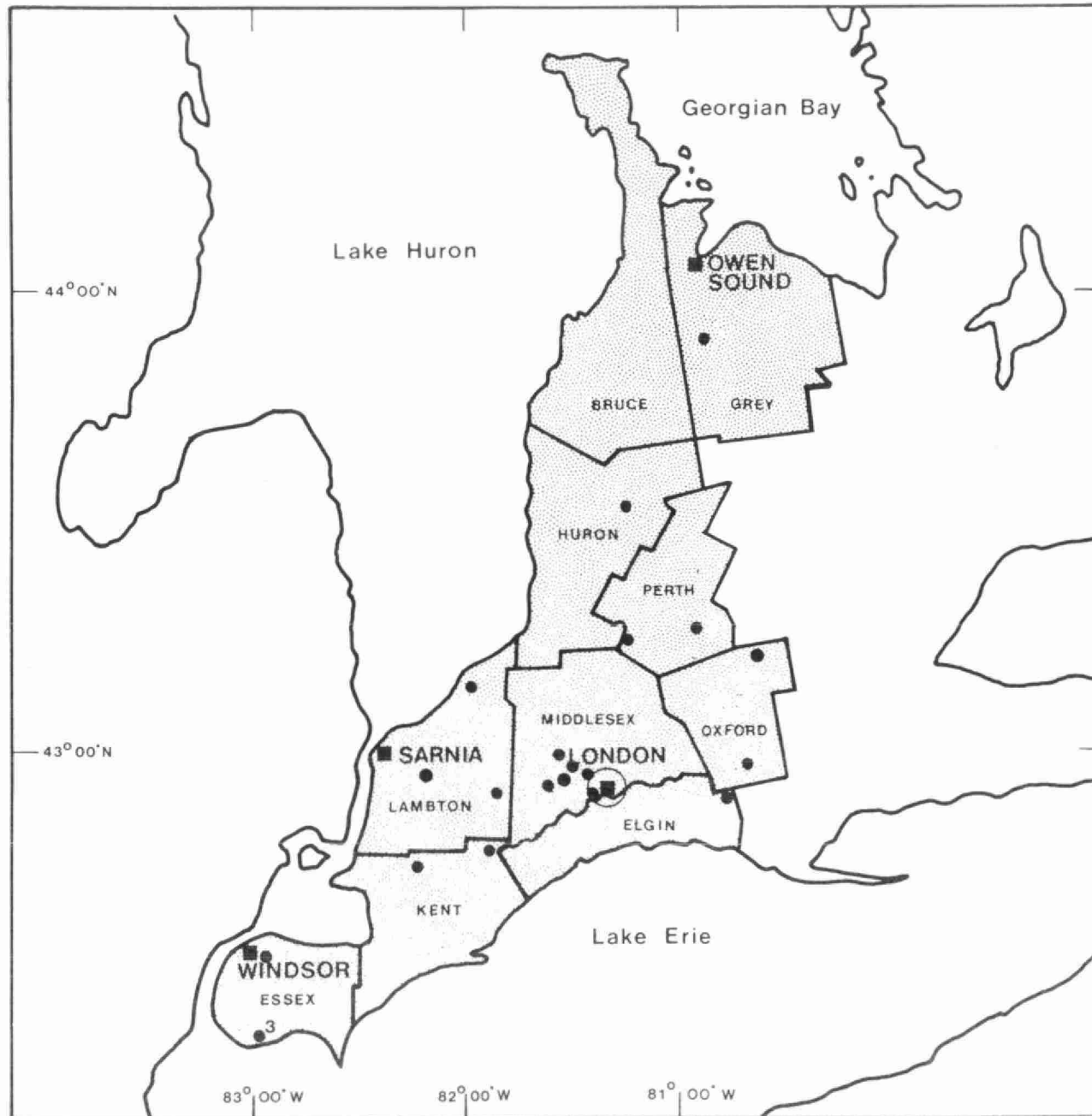
Owen Sound

1180 20th St. E.
519-371-2901

SUB-OFFICE

Chatham

435 Grand Ave W.
519-352-5107



LEGEND

Regional Office



District Office



Recording Observation Well



Number of Recording Wells
in same location

2

Manually Measured Well



Number of Manually Measured Wells
in same location

2

ENVIRONMENTAL ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 169

TOWNSHIP OF SANDWICH E.

LOND. 3

LOT 95

WELL REC #1 2102685
UTM CO-ORDS: 17 E337280 N4680660
LAT & LONG: 42-16N04TH 82-58W0ST

REC METHOD: A35 RECORDER

REC COMM: DEC 6 1965

MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE

GND ELEV: 109 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: TOPSOIL 0.3; CLAY 0.9; CLAY AND SMALL AMOUNT OF GRAVEL 43; CEMENTED GRAVEL 44.2; BROKEN ROCK 44.5; LIGHT BROWN LIMESTONE 56.6.

DIAMETER OF WELL: 58 CM

LENGTH OF CASING: 44.8 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 58.6 METRES

PUMP RATE: 11.7 L/S

SPEC. CAP: 0.046 L/S/M

AQUIFER: LIMESTONE

QUALITY: FRESH

1980

DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.54			9.49	9.48	9.58	9.49	9.56	9.52		9.67 E	9.54 E	1
2	9.56			9.51	9.49	9.53	9.50	9.54	9.56		9.62 E	9.52 E	2
3	9.62			9.51	9.47	9.48	9.52	9.51	9.57		9.76 E	9.61 E	3
4	9.61			9.52	9.45	9.53	9.50	9.51	9.57		9.64 E	9.63 E	4
5	9.58			9.61	9.44	9.52	9.49	9.56	9.58		9.63 E	9.61 E	5
6	9.56	9.58		9.62	9.43	9.49	9.51	9.55	9.58		9.61 E	9.58 E	6
7	9.52			9.53	9.45	9.47	9.52	9.56	9.57		9.57 E	9.56 E	7
8				9.51	9.47	9.45	9.52	9.55	9.55		9.58 E	9.53 E	8
9				9.47	9.47	9.47	9.52	9.58	9.59		9.54 E	9.58 E	9
10	9.62			9.46	9.47	9.47	9.52	9.54			9.61 E	9.59 E	10
11	9.52			9.49	9.42	9.51	9.53	9.52			9.66 E	9.61 E	11
12	9.60			9.46	9.47	9.54	9.60	9.55			9.68 E	9.62 E	12
13	9.58		9.49	9.49	9.44	9.52	9.56	9.57			9.64 E	9.64 E	13
14	9.59			9.42	9.48	9.48	9.54	9.56			9.63 E	9.61 E	14
15	9.62			9.40	9.50	9.46	9.55	9.62			9.64 E	9.62 E	15
16	9.59			9.50	9.53	9.47	9.52	9.58			9.65 E	9.59 E	16
17	9.57		9.45	9.52	9.50	9.51	9.53	9.59			9.63 E	9.63 E	17
18	9.60			9.52	9.45	9.49	9.54	9.55			9.61 E	9.60 E	18
19	9.62		9.52	9.49	9.45	9.47	9.58	9.56			9.63 E	9.66 E	19
20	9.62	9.51	9.48	9.48	9.48	9.50	9.71	9.58			9.63 E	9.71 E	20
21	9.60	9.52		9.49	9.51	9.48	9.74	9.56			9.62 E	9.71 E	21
22		9.49		9.46	9.49	9.47	9.65	9.54			9.63 E	9.69 E	22
23				9.44	9.49	9.54	9.60	9.57			9.61 E	9.67 E	23
24	9.51			9.43	9.44	9.55	9.60	9.59			9.60 E	9.62 E	24
25				9.48	9.43	9.51	9.60	9.59			9.64 E	9.63 E	25
26				9.57	9.49	9.49	9.59	9.58			9.66 E	9.67 E	26
27	9.57		9.54	9.57	9.50	9.48	9.55	9.60			9.60 E	9.69 E	27
28	9.59			9.51	9.51	9.45	9.55	9.62			9.53 E	9.72 E	28
29				9.48	9.47	9.51	9.44	9.57			9.50 E	9.65 E	29
30	9.63		9.49	9.47	9.50	9.45	9.56	9.61		9.67 E	9.53 E	9.64 E	30
31			9.44		9.53		9.56	9.55		9.63 E		9.63 E	31
-MONTHLY SUMMARY-													
MEAN				9.50	9.48	9.49	9.56	9.57			9.62	9.62	MEAN
INST				9.37	9.40	9.41	9.46	9.48			9.49	9.50	INST
MAX				(15)	(11)	(30)	(6)	(3)			(29)	(2)	MAX
INST				9.72	9.62	9.70	9.79	9.73			9.85	9.76	INST
MIN				(6)	(29)	(24)	(20)	(30)			(2)	(21)	MIN

ENVIRONMENTAL ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 170

TOWNSHIP OF S. COLCHESTER

GORE

LOT 14

WELL REC #1 2101041
UTM CO-ORDS: 17 E342840 N4654930
LAT & LONG: 42-02N04TH 82-54W0ST

REC METHOD: A35 RECORDER

REC COMM: MAR 5 1966

MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE

GND ELEV: 192 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: TOPSOIL 0.3; YELLOW SAND 3.7; GREY SAND 9.2; QUICK SAND 33.6; SAND AND GRAVEL 35.1; COARSE GRAVEL 37.8; GREY LIMESTONE 39.3.

DIAMETER OF WELL: 15 CM

LENGTH OF CASING: 37.8 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 39.3 METRES

PUMP RATE: 23 L/S

SPEC. CAP: 1.38 L/S/M

AQUIFER: LIMESTONE

QUALITY: FRESH

1980

DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.19	0.14	0.20	2.86	2.60	2.57							1
2	0.18	0.14	0.20	2.85	2.60	2.52							2
3	0.18	0.14	0.20	2.83	2.60	2.46							3
4	0.18	0.14	0.20	2.80	2.59	2.47							4
5	0.16	0.14	0.20	2.80	2.59	2.46							5
6	0.17	0.15	0.21	2.79	2.61	2.45							6
7	0.16	0.14	0.22	2.77	2.62	2.41							7
8	0.15	0.15	0.22	2.75	2.62	2.42							8
9	0.16	0.15	0.22	2.74	2.59	2.44							9
10	0.16	0.16	0.22	2.74	2.62	2.45							10
11	0.15	0.16	0.22	2.73	2.63	2.44							11
12	0.13	0.16	0.22	2.72	2.63	2.44							12
13	0.15	0.16	0.22	2.72	2.63	2.44							13
14	0.13	0.17	0.21	2.67	2.64	2.43							14
15	0.13	0.17	0.23	2.64	2.67	2.39							15
16	0.13	0.17	0.25	2.65	2.64	2.40							16
17	0.13	0.17		2.64	2.59	2.42							17
18	0.13	0.17		2.64	2.55								18
19	0.13	0.18		2.63	2.56								19
20	0.13	0.19		2.63	2.57								20
21	0.13	0.19		2.62	2.57								21
22	0.13	0.19		2.61	2.56								22
23	0.12	0.18		2.61	2.55								23
24	0.12	0.18		2.61	2.57								24
25	0.12	0.18		2.60	2.59								25
26	0.13	0.18	2.45	2.60	2.58								26
27	0.13	0.18	2.45	2.60	2.58								27
28	0.13	0.19	2.44	2.60	2.58								28
29	0.13		2.42	2.60	2.59								29
30	0.13		2.67		2.58								30
31	0.14				2.58								31
-MONTHLY SUMMARY-													
MEAN	0.14	0.17		2.69	2.59								MEAN
INST	0.12	0.14		2.60	2.55								INST
MAX	(23)	(1)		(29)	(23)								MAX
INST	0.20	0.20		2.86	2.75								INST
MIN	(1)	(29)		(1)	(15)								MIN

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 171
TOWNSHIP OF S. COLCHESTER

WURE

LOT 15

WELL REC #1 2103851
UTM CO-ORD: Z-17 E342649 N4654902
LAT & LONG: 42° 02' NORTH 82° 54' WEST

REC METHOD: A-35 RECORDER

REC COMMOD: APR. 01 1966

MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE

GND ELEV: 192.8 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: BROWN SILTY SAND 2.4; BROWN SAND WITH SOME COARSE SAND AND GRAVEL 7.0; GREY SAND, SILTY CLAY 7.9; GREY FINE SAND AND SOME GRAVEL 9.2; GREY FINE TO MEDIUM SAND 9.8; GREY FINE SAND 11.3.

DIAMETER OF WELL: 15.2 CM
LENGTH OF CASING: 9.5 METRES
LENGTH OF SCREEN: 1.8 METRES
DEPTH OF WELL: 11.3 METRES

PUMP RATE: 1.1 L/S
SPEC. CAP: N.A.
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				3.64	3.27	3.19	3.27						1
2				3.63	3.28	3.19	3.25						2
3				3.61	3.28	3.18	3.23						3
4				3.59	3.27	3.17	3.23						4
5				3.59	3.27	3.17							5
6				3.57	3.27	3.16							6
7				3.55	3.27	3.16							7
8				3.53	3.27	3.15							8
9				3.51	3.28	3.14							9
10				3.50	3.28	3.14							10
11				3.49	3.28	3.13							11
12				3.48	3.27	3.13							12
13				3.46	3.26	3.12							13
14				3.44	3.26	3.11							14
15				3.42	3.26	3.11							15
16				3.37	3.26	3.10							16
17				3.35	3.26	3.10							17
18				3.34	3.25	3.11							18
19				3.33	3.25	3.13							19
20				3.32	3.25	3.14							20
21				3.32	3.25	3.18							21
22				3.31	3.25	3.18							22
23				3.30	3.25	3.18							23
24				3.30	3.25	3.16							24
25				3.29	3.25	3.20							25
26				3.29	3.25	3.19							26
27			3.68	3.29	3.25	3.24							27
28			3.67	3.29	3.24	3.31							28
29			3.66	3.28	3.24	3.33							29
30			3.65	3.27	3.23	3.29							30
31			3.65		3.21								31
-MONTHLY SUMMARY-													
MEAN				3.42	3.26	3.17							MEAN
INST				3.27	3.20	3.10							INST
MAX				(30)	(31)	(14)							MAX
INST				3.65	3.28	3.37							INST
MIN				(1)	(11)	(29)							MIN

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 222
TOWNSHIP OF S. COLCHESTER

FC

LOT 54

WELL REC #1 2100602
UTM CO-ORD: Z-17 E343580 N4650550
LAT & LONG: 41° 59' NORTH 82° 53' WEST

REC METHOD: A35 RECORDER

REC COMMOD: NOV 26 1968

MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE

GND ELEV: 193 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: BLACK SANDY LOAM 0.3; FINE YELLOW SAND 1.2; GREY FINE SAND 4.6; HARDPAN 7; CLAY 14.6; QUICKSAND 16.2; HARDPAN 22; SAND 23.8; HARDPAN 32; FINE SAND 33.9; SAND AND HARDPAN 35; FINE TO COARSE SAND 37.2; BROWN LIMESTONE 38.9; DARK LIMESTONE 38.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 37.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 38.7 METRES

PUMP RATE: 2 L/S
SPEC. CAP: N.A.
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.28			6.77	6.69	7.06	12.61	14.36			7.42 E	7.18 E	1
2	7.28			6.74	6.74	7.03	12.25	14.40			7.41 E	7.16 E	2
3				6.74	6.79	7.05	13.12	14.42			7.37 E	7.22 E	3
4				6.71	6.83	7.06	15.59	14.38			7.37 E	7.22 E	4
5				6.79	6.83	7.03	15.04	14.36			7.34 E	7.19 E	5
6				6.79	6.80	6.99	14.37	14.41			7.33 E	7.18 E	6
7				6.75	6.81	7.00	14.41	14.38			7.29 E	7.17 E	7
8				6.70	6.89	7.03	14.39	14.36			7.29 E	7.16 E	8
9				6.64	6.89	6.95	14.37	14.39			7.29 E	7.12 E	9
10				6.67	6.95	6.93	10.66	14.36			7.33 E	7.11 E	10
11				6.72	6.88	6.91	17.12	14.38			7.33 E	7.16 E	11
12				6.71	6.89	6.95	16.78	14.51			7.30 E	7.20 E	12
13				6.75	6.88	6.96	15.38	14.51			7.26 E	7.14 E	13
14				6.69	7.08	7.00	15.08	14.45			7.24 E	7.13 E	14
15				6.64	7.15	6.95	14.76	14.46			7.23 E	7.10 E	15
16				6.74	7.23	6.94	14.58	14.44			7.24 E	7.09 E	16
17				6.73	7.18	6.99	14.49	14.42			7.22 E	7.06 E	17
18				6.74	7.07	6.90	14.36	14.41			7.19 E	7.05 E	18
19				6.72	7.15	6.87	14.49	14.43			7.20 E	7.07 E	19
20				6.75	7.16	6.79	15.08	14.39			7.20 E	7.11 E	20
21				6.70	7.12	7.01	14.92	14.41			7.19 E	7.11 E	21
22				6.67	7.09	6.74	14.60	14.45			7.21 E	7.08 E	22
23				6.63	7.09	6.98	14.66	14.44			7.20 E	7.06 E	23
24				6.62	7.09	7.69	14.67	14.48			7.19 E	7.05 E	24
25				6.62	7.06	7.34	14.53	14.50			7.22 E	7.09 E	25
26				6.72	7.17	7.21	14.43	14.54			7.22 E	7.07 E	26
27			6.98	6.69	7.20	7.64	14.53	14.59			7.18 E	7.08 E	27
28			6.69	6.66	7.10	10.10	14.40				7.14 E	7.08 E	28
29			6.85	6.67	7.08	12.68	14.37				7.15 E	7.05 E	29
30			6.85	6.68	7.07	12.52	14.36			7.45 E	7.18 E	7.04 E	30
31			6.83		7.07		14.36			7.43 E		7.02 E	31
-MONTHLY SUMMARY-													
MEAN				6.70	7.00	7.65	14.67				7.26	7.11	MEAN
INST				6.58	6.67	6.77	11.82				7.12	7.00	INST
MAX				(25)	(2)	(20)	(2)				(29)	(31)	MAX
INST				7.15	7.68	13.57	20.14				7.44	7.26	INST
MIN				(26)	(14)	(28)	(10)				(1)	(4)	MIN

ENVIRONMENT ONTARIO
TORONTO
HURON COUNTY

OBSERVATION WELL 351

TOWNSHIP OF MORRIS

LONG 8

LOT 26

WELL REC #1 3002706
UTM CO-ORD: Z=17 E476405 N4840820
LAT & LONG: 43-44NORTH 81-18WEST

REC METHOD: ASD RECORDER

REC COMM: JAN 1 1972

MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE

GRID ELEV: 348 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: BLACK MUCK 1.5; GREY QUICKSAND AND BOULDERS 12.5; GREY CLAY AND STONES 14; GREY CLAY, STONES AND MARUPAN 19.5; LIMESTONE 45.7.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 44.8 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 45.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.27	7.49	7.74	7.25	7.17	7.45	7.72	8.01	8.29	8.19			1
2	7.26	7.50	7.69	7.23	7.19	7.43	7.75	8.01	8.29	8.17			2
3	7.31	7.50	7.64	7.19	7.19	7.46	7.76	8.01	8.34	8.17			3
4	7.34	7.51	7.61	7.06	7.18	7.53	7.76	8.05	8.35	8.17			4
5	7.30	7.51	7.61	7.11	7.14	7.54	7.74	8.07	8.34	8.25			5
6	7.31	7.50	7.69	7.14	7.15	7.48	7.61	8.10	8.34	8.25			6
7	7.20	7.54	7.68	7.11	7.18	7.47	7.82	8.11	8.34	8.21			7
8	7.28	7.55	7.63	7.08	7.22	7.47	7.77	8.09	8.35	8.14			8
9	7.37	7.50	7.65	7.04	7.26	7.47	7.81	8.09	8.34	8.18			9
10	7.31	7.47	7.60	7.04	7.27	7.49	7.81	8.11	8.35	8.18			10
11	7.27	7.45	7.69	7.09	7.25	7.57	7.81	8.11	8.35	8.11			11
12	7.41	7.52	7.77	7.07	7.31	7.60	7.84	8.11	8.35	8.13			12
13	7.33	7.55	7.68	7.10	7.28	7.58	7.87	8.15	8.36	8.18			13
14	7.39	7.57	7.71	7.03	7.33	7.55	7.88	8.13	8.35	8.20			14
15	7.40	7.52	7.80	6.97	7.39	7.53	7.86	8.15	8.35	8.20			15
16	7.33	7.50	7.75	7.10	7.43	7.59	7.86	8.19	8.35	8.18			16
17	7.32	7.54	7.66	7.13	7.41	7.61	7.87	8.21	8.32	8.13			17
18	7.36	7.56	7.73	7.10	7.33	7.60	7.93	8.18	8.38	8.10			18
19	7.34	7.56	7.72	7.08	7.36	7.58	7.94	8.19	8.40	8.10			19
20	7.37	7.55	7.63	7.05	7.38	7.59	7.94	8.19	8.37	8.10			20
21	7.31	7.59	7.51	7.07	7.38	7.64	7.95	8.19	8.34	8.09			21
22	7.24	7.55	7.57	7.04	7.39	7.65	7.94	8.22	8.33	8.13			22
23	7.26	7.59	7.56	7.01	7.39	7.66	7.96	8.28	8.33	8.18			23
24	7.27	7.61	7.44	7.05	7.36	7.66	8.00	8.30	8.36				24
25	7.34	7.63	7.43	7.07	7.38	7.67	8.00	8.30	8.33				25
26	7.43	7.64	7.46	7.11	7.43	7.66	8.00	8.29	8.30				26
27	7.42	7.58	7.45	7.11	7.45	7.69	8.00	8.29	8.32				27
28	7.44	7.63	7.40	7.11	7.45	7.68	7.99	8.31	8.30				28
29	7.47	7.73	7.33	7.11	7.45	7.65	8.00	8.32	8.30				29
30	7.50		7.29	7.13	7.43	7.68	8.02	8.33	8.25				30
31	7.49		7.22		7.42		8.03	8.32					31
-MONTHLY SUMMARY-													
MEAN	7.34	7.55	7.59	7.09	7.32	7.57	7.89	8.17	8.34				MEAN
INST	7.15	7.43	7.21	6.95	7.13	7.42	7.72	8.00	8.22				INST
MAX	(7)	(11)	(31)	(15)	(5)	(2)	(1)	(2)	(30)				MAX
INST	7.50	7.76	7.81	7.26	7.47	7.72	8.03	8.33	8.42				INST
MIN	(30)	(29)	(15)	(1)	(27)	(30)	(31)	(30)	(19)				MIN

ENVIRONMENT ONTARIO
TORONTO
GREY COUNTY

OBSERVATION WELL 194

TOWNSHIP OF SULLIVAN

CONC. 3

LOT 23

WELL REC #1 2503164
UTM CO-ORD: Z=17 E 507900 N 4910785
LAT & LONG: 44-21NORTH 80-54WEST

REC METHOD: ASD RECORDER

REC COMM: MAR. 29 1968

MEASURE PT: 1.07 METRES ABOVE GROUND SURFACE

GRID ELEV: 324.5 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: VERY BOULDERY, BROWN CLAY TILL 11.9; LIGHT BUFF, FRACTURED DOLOMITE WITH SILT 14.6; BUFF GREY DOLOMITE, BITUMINOUS AT THE BASE 25.3; GREY AND TAN DOLOMITE 31.6; BUFF LOOSE AND FRACTURED DOLOMITE WITH CLAY AND SILT 47.0; BUFF GREY DENSER DOLOMITE 58.6; GREY BROWN DOLOMITE, BITUMINOUS 65.0; LIGHT GREY DOLOMITE 81.1; GREY DOLOMITE 92.7; GREY, POROUS FOSSILERIOUS AND CRYSTALLINE DOLOMITE 96.4

DIAMETER OF WELL: 15.2 CM
LENGTH OF CASING: 40.9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 115.3 METRES

PUMP RATE: 9.9 L/S
SPEC. CAP: 0.79 L/S/M
AQUIFER: DOLOMITE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							6.06 E	6.00 E	6.15 E	6.24 E	6.31 E	6.62 E	1
2							6.07 E	6.00 E	6.16 E	6.25 E	6.32 E	6.59 E	2
3							6.07 E	6.01 E	6.17 E	6.25 E	6.28 E	6.64 E	3
4							6.08 E	6.03 E	6.16 E	6.24 E	6.29 E	6.60 E	4
5							6.07 E	6.03 E	6.17 E	6.26 E	6.31 E	6.59 E	5
6							6.10 E	6.04 E	6.18 E	6.24 E	6.29 E	6.58 E	6
7							6.08 E	6.03 E	6.19 E	6.23 E	6.29 E	6.57 E	7
8							6.08 E	6.02 E	6.19 E	6.23 E	6.32 E	6.55 E	8
9							6.09 E	6.04 E	6.18 E	6.26 E	6.28 E	6.52 E	9
10							6.09 E	6.05 E	6.20 E	6.24 E	6.33 E	6.49 E	10
11							6.09 E	6.04 E	6.19 E	6.23 E	6.32 E	6.48 E	11
12							6.11 E	6.05 E	6.22 E	6.26 E	6.31 E	6.45 E	12
13						6.03 E	6.12 E	6.06 E	6.20 E	6.27 E	6.29 E	6.47 E	13
14						6.03 E	6.12 E	6.06 E	6.20 E	6.27 E	6.30 E	6.47 E	14
15						6.04 E	6.09 E	6.07 E	6.22 E	6.26 E	6.31 E	6.45 E	15
16						6.06 E	6.09 E	6.09 E	6.21 E	6.26 E	6.32 E	6.47 E	16
17						6.06 E	6.10 E	6.09 E	6.22 E	6.24 E	6.29 E	6.44 E	17
18						6.05 E	6.12 E	6.08 E	6.23 E	6.26 E	6.30 E	6.45 E	18
19						6.05 E	6.12 E	6.10 E	6.23 E	6.27 E	6.46 E	6.49 E	19
20						6.04 E	6.12 E	6.10 E	6.21 E	6.28 E	6.61 E	6.48 E	20
21						6.03 E	6.10 E	6.11 E	6.22 E	6.28 E	6.61 E	6.47 E	21
22						6.02 E	6.08 E	6.13 E	6.23 E	6.31 E	6.62 E	6.05 E	22
23						6.03 E	6.09 E	6.14 E	6.24 E	6.31 E	6.61 E	6.43 E	23
24						6.03 E	6.10 E	6.14 E	6.23 E	6.27 E	6.61 E	6.46 E	24
25						6.03 E	6.10 E	6.14 E	6.21 E	6.25 E	6.62 E	6.46 E	25
26						6.02 E	6.10 E	6.14 E	6.24 E	6.29 E	6.62 E	6.45 E	26
27						6.05 E	6.08 E	6.15 E	6.24 E	6.30 E	6.58 E	6.48 E	27
28						6.04 E	6.05 E	6.16 E	6.25 E	6.29 E	6.57 E	6.45 E	28
29						6.03 E	6.02 E	6.16 E	6.24 E	6.31 E	6.60 E	6.45 E	29
30						6.06 E	6.02 E	6.15 E	6.24 E	6.29 E	6.61 E	6.46 E	30
31							6.01 E	6.15 E		6.28 E		6.45 E	31
-MONTHLY SUMMARY-													
MEAN							6.08	6.08	6.21	6.27	6.42	6.50	MEAN
INST							6.00	6.00	6.15	6.20	6.25	6.41	INST
MAX							(31)	(1)	(1)	(8)	(9)	(18)	MAX
INST							6.13	6.16	6.27	6.34	6.65	6.65	INST
MIN							(14)	(28)	(26)	(23)	(22)	(3)	MIN

ENVIRONMENT ONTARIO
TORONTO
KENT COUNTY

OBSERVATION WELL 172

TOWN OF BOTHWELL

CONC. =

LOT =

WELL REC #: 3500023
UTM CO-ORD: 2-17 E428050 N4719550
LAT & LONG: 42-38NORTH 81-53WEST

REC METHOD: A35 RECORDER
REC COMM: JUN. 5 1966
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 208 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN FINE SAND 3.1; BROWN FINE SILTY SAND 4.6; BROWN AND GREY FINE SAND WITH SOME FINE GRAVEL, COARSE SAND
SEAMS 6.1; GREY SILTY FINE SAND 8.5; GREY COARSE SAND AND FINE TO MEDIUM GRAVEL 10.4; GREY SILTY CLAY TILL 10.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 10.4 METRES

PUMP RATE: 2.3 L/S
SPEC. CAP: 0.053 L/S/M
AQUIFER: 1 SAND AND GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.01	1.32	1.45	9.73	9.79	10.17	10.37	10.03		0.56 E	0.81 E	0.95 E	1
2	1.03	1.33	1.48	9.76	9.85	10.16	10.39	10.04		0.54 E	0.82 E	0.91 E	2
3	1.06	1.35	1.50	9.76	9.90	10.08	10.40	9.53		0.54 E	0.83 E	0.85 E	3
4	1.08	1.36	1.51	9.63	9.95	10.10	10.42	9.62		0.56 E	0.84 E	0.85 E	4
5	1.10	1.37	1.52	9.70	9.98	10.16	10.43	9.72		0.59 E	0.85 E	0.86 E	5
6	1.13	1.38	1.52	9.76	10.01	10.11	10.43	9.69		0.61 E	0.86 E	0.86 E	6
7	1.14	1.39	1.53	9.77	10.04	10.08	10.44			0.62 E	0.86 E	0.85 E	7
8	1.17	1.39	1.52	9.73	10.05	9.95	10.23			0.64 E	0.86 E	0.79 E	8
9	1.20	1.40	1.52	9.65	10.06	9.96	10.14			0.66 E	0.86 E	0.72 E	9
10	1.22	1.40	1.50	9.65	10.08	9.94	10.18			0.68 E	0.88 E	0.72 E	10
11	1.08	1.41	1.44	9.72	10.08	10.00	10.21			0.69 E	0.89 E	0.73 E	11
12	1.03	1.43	1.45	9.66	10.10	10.06	10.26			0.70 E	0.90 E	0.75 E	12
13	1.08	1.44	1.46	9.72	10.04	10.09	10.29			0.72 E	0.91 E	0.75 E	13
14	1.10	1.44	1.49	9.53	10.01	10.12	10.32			0.73 E	0.91 E	0.77 E	14
15	1.12	1.45	1.50	9.41	10.05	10.13	10.35			0.69 E	0.92 E	0.79 E	15
16	1.12	1.45	1.51	9.51	10.09	10.11	10.36			0.69 E	0.93 E	0.83 E	16
17	1.11	1.46	1.41	9.58	10.06	10.15	10.36			0.69 E	0.93 E	0.88 E	17
18	1.08	1.47	1.30	9.63	9.75	10.17	10.38			0.65 E	0.94 E	0.88 E	18
19	1.06	1.48	1.30	9.68	9.83	10.19	10.41		0.46 E	0.65 E	0.95 E	0.90 E	19
20	1.07	1.48	1.29	9.72	9.90	10.12	10.42		0.49 E	0.68 E	0.96 E	0.93 E	20
21	1.09	1.48	1.09	9.76	9.96	10.17	10.44		0.52 E	0.69 E	0.97 E	0.97 E	21
22	1.10	1.45	1.02	9.79	10.00	10.22	10.41		0.53 E	0.69 E	0.98 E	0.99 E	22
23	1.13	1.42	1.03	9.83	10.05	10.25	10.30		0.58 E	0.72 E	0.98 E	1.01 E	23
24	1.16	1.41		9.86	10.07	10.27	10.31		0.41 E	0.73 E	0.99 E	1.02 E	24
25	1.20	1.41	9.85	9.89	10.10	10.28	10.35		0.44 E	0.72 E	0.99 E	1.02 E	25
26	1.22	1.41	9.87	9.91	10.14	10.31	10.39		0.43 E	0.71 E	1.00 E	1.04 E	26
27	1.23	1.41	9.86	9.88	10.17	10.32	10.40		0.46 E	0.73 E	1.01 E	1.05 E	27
28	1.25	1.41	9.83	9.80	10.19	10.33	10.25		0.49 E	0.75 E	0.97 E	1.07 E	28
29	1.26	1.42	9.79	9.73	10.20	10.33	9.89		0.52 E	0.76 E	0.96 E	1.08 E	29
30	1.28		9.76	9.72	10.22	10.35	9.96		0.54 E	0.78 E	0.95 E	1.08 E	30
31	1.30		9.71		10.19		10.01			0.79 E		1.08 E	31
=MONTHLY SUMMARY=													
MEAN	1.14	1.41		9.72	10.03	10.16	10.31			0.68	0.92	0.90	MEAN
INST	1.00	1.31		9.35	9.72	9.92	9.87			0.53	0.80	0.71	INST
MAX	(11)	(1)		(14)	(18)	(10)	(29)			(2)	(1)	(10)	MAX
INST	1.31	1.48		9.93	10.23	10.36	10.46			0.80	1.01	1.09	INST
MIN	(31)	(21)		(27)	(30)	(30)	(22)			(31)	(27)	(30)	MIN

ENVIRONMENT ONTARIO
TORONTO
KENT COUNTY

OBSERVATION WELL 371

TOWNSHIP OF HOWARD

CONC 1

LOT 15

WELL REC #: 3306508
UTM CO-ORD: 2-17 E420620 N4710270
LAT & LONG: 42-33NORTH 81-58WEST

REC METHOD: A35 RECORDER
REC COMM: JUN 26 1972
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 184 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; SOFT BROWN CLAY 3.4; BROWN SAND AND LOOSE GRAVEL 12.2; LOOSE BROWN GRAVEL AND HARD BROWN SHALE 22.3

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 15.9 METRES
LENGTH OF SCREEN: 4.6 METRES
DEPTH OF WELL: 20.5 METRES

PUMP RATE: 11.8 L/S
SPEC. CAP: 0.90 L/S/M
AQUIFER: 1 GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.08	7.00	7.18	5.90	4.83	4.48	4.34	4.48		7.35	7.37	7.44	1
2	6.26	7.02	7.19	5.82	4.83	4.48	4.34	4.45		7.36	7.38	7.45	2
3	6.40	7.04	7.20	5.69	4.81	4.47	4.34	4.47		7.35	7.38	7.41	3
4	6.51	7.05	7.20	5.57	4.79	4.47	4.33	4.64		7.35	7.38	7.42	4
5	6.59	7.06	7.21	5.53	4.76	4.46	4.33	4.67		7.36	7.39	7.36	5
6	6.67	7.07	7.22	5.66	4.74	4.47	4.33	4.63		7.37	7.35	7.34	6
7	6.71	7.09	7.23	5.61	4.71	4.47	4.32	4.63		7.37	7.35	7.33	7
8	6.75	7.10	7.23	5.43	4.69	4.55	4.32	4.61		7.37	7.36	7.34	8
9	6.78	7.11	7.24	5.35	4.68	4.60	4.31	4.57		7.37	7.36	7.26	9
10	6.82	7.12	7.24	5.34	4.66	4.60	4.32	4.55		7.38	7.40	7.19	10
11	6.80	7.13	7.22	5.35	4.64	4.58	4.37	4.52		7.38	7.38	7.08	11
12	6.40	7.14	7.22	5.33	4.63	4.55	4.36	4.51		7.39	7.41	7.02	12
13	5.85	7.15	7.21	5.27	4.62	4.54	4.35	4.49		7.39	7.39	7.08	13
14	5.53	7.16	7.23	5.26	4.61	4.53	4.34	4.47		7.40	7.40	7.13	14
15	5.60	7.17	7.24	5.55	4.59	4.49	4.33	4.45		7.40	7.40	7.16	15
16	5.79	7.17	7.24	6.01	4.58	4.48	4.32	4.43		7.41	7.41	7.21	16
17	6.02	7.18	7.18	6.54	4.57	4.48	4.31	4.41		7.40	7.41	7.21	17
18	6.20	7.18	7.04	6.23	4.60	4.46	4.30	4.40		7.39	7.41	7.23	18
19	6.41	7.19	6.37	5.69	4.64	4.44	4.30	4.39		7.38	7.43	7.24	19
20	6.54	7.20	6.01	5.45	4.65	4.44	4.29	4.38	7.35	7.37	7.44	7.25	20
21	6.63	7.20	5.70	5.31	4.65	4.43	4.28	4.37	7.36	7.37	7.43	7.27	21
22	6.68	7.20	4.62	5.22	4.64	4.42	4.28	4.36	7.37	7.37	7.43	7.31	22
23	6.75	7.18	4.33	5.13	4.62	4.41	4.28	4.36	7.34	7.37	7.43	7.29	23
24	6.79	7.18	3.96	5.06	4.60	4.40	4.29	4.34	7.32	7.36	7.44	7.31	24
25	6.82	7.17	4.04	4.99	4.58	4.39	4.28	4.33	7.33	7.35	7.45	7.32	25
26	6.87	7.15	4.80	4.94	4.55	4.38	4.28	4.32	7.33	7.35	7.45	7.33	26
27	6.90	7.14	5.43	4.90	4.54	4.37	4.27	4.31	7.33	7.36	7.44	7.34	27
28	6.92	7.15	5.76	4.87	4.54	4.36	4.26	4.30	7.34	7.36	7.47	7.35	28
29	6.94	7.17	5.83	4.86	4.53	4.36	4.32	4.30	7.34	7.36	7.44	7.38	29
30	6.96		5.60	4.85	4.51	4.35	4.44		7.35	7.36	7.44	7.37	30
31	6.98		5.85		4.50		4.50			7.36		7.37	31
=MONTHLY SUMMARY=													
MEAN	6.51	7.13	6.40	5.42	4.64	4.46	4.32			7.37	7.41	7.28	MEAN
INST	5.49	6.99	3.90	4.84	4.49	4.34	4.26			7.35	7.28	7.02	INST
MAX	(14)	(1)	(24)	(30)	(31)	(30)	(27)			(1)	(7)	(12)	MAX
INST	6.99	7.20	7.24	6.61	4.84	4.60	4.50			7.41	8.12	8.11	INST
MIN	(31)	(21)	(15)	(17)	(1)	(9)	(31)			(16)	(6)	(2)	MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 207

VILLAGE OF ALYINSTON

CONC =

LOT =

WELL REC #1 3400030
UTM CO-ORD: Z-17 E429160 N4740965
LAT & LONG: 42-49NORTH 81-53WEST

REC METHOD: ASS RECORDER

REC COMM: JUN 26 1967

MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE

GND ELEV: 220 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: SAND 5.5; BLUE CLAY 22.9; SHALE GRAVEL 23; BLACK SHALE 23.8.

DIAMETER OF WELL: 18 CM

LENGTH OF CASING: 23.8 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 23.8 METRES

PUMP RATE: 2 L/S

SPEC. CAP: 0.06 L/S/M

AQUIFER: SHALE

QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				10.07	10.08	9.99	10.18	10.24	9.88 E	9.96 E	9.93 E	9.87 E	1
2				10.07	10.05	9.92	10.23	10.20	9.90 E	9.94 E	10.01 E	9.85 E	2
3				10.04	10.04	9.98	10.25	10.17	10.01 E	9.96 E	9.99 E	9.98 E	3
4				9.93	10.04	10.03	10.30	10.20	10.01 E	9.99 E	9.89 E	10.05 E	4
5				10.04	10.02	10.04	10.24	10.19	9.99 E	10.08 E	9.91 E	10.01 E	5
6				10.12	10.03	9.93	10.38	10.25	9.97 E	10.11 E	9.91 E	9.97 E	6
7				10.12	10.01	9.91	10.39	10.26	9.98 E	10.05 E	9.84 E	9.94 E	7
8				10.07	10.01	9.93	10.30	10.24	10.02 E	9.98 E	9.88 E	9.90 E	8
9				10.02	10.01	9.87	10.33	10.23	9.98 E	10.00 E	9.87 E	9.92 E	9
10				10.02	9.99	9.91	10.32	10.21	9.99 E	10.00 E	9.96 E	9.91 E	10
11				10.08	9.93	9.99	10.31	10.18	9.98 E	9.88 E	10.07 E	9.94 E	11
12				10.04	9.96	10.00	10.37	10.19	9.99 E	9.92 E	10.06 E	9.87 E	12
13				10.12	9.92	9.96	10.36	10.21	9.98 E	9.99 E	9.98 E	9.84 E	13
14				10.01	10.01	9.93	10.41	10.14	9.98 E	10.06 E	9.93 E	9.90 E	14
15				9.95	10.05	9.91	10.39	10.18	10.03 E	10.06 E	9.96 E	9.93 E	15
16				10.10	10.05	10.00	10.34	10.24	9.98 E	10.03 E	10.03 E	9.89 E	16
17				10.15	9.98	10.01	10.34	10.23	9.91 E	9.97 E	10.03 E	9.91 E	17
18				10.10	9.88	9.98	10.35	10.17	10.00 E	9.88 E	9.96 E	9.83 E	18
19				10.10	9.91	9.99	10.38	10.20	10.01 E	9.92 E	9.98 E	9.92 E	19
20				10.09	9.94	10.06	10.36	10.22	9.97 E	9.95 E	9.96 E	10.03 E	20
21				10.10	9.96	10.09	10.37	10.20	9.98 E	9.96 E	9.92 E	10.06 E	21
22				10.04	9.98	10.08	10.34	10.22	10.01 E	10.04 E	9.97 E	10.02 E	22
23				9.98	9.97	10.14	10.34	10.26	10.03 E	10.11 E	9.97 E	9.90 E	23
24				10.00	9.93	10.14	10.36	10.30	10.05 E	10.04 E	9.97 E	9.87 E	24
25			10.03	10.02	9.94	10.20	10.34	10.31	10.01 E	9.89 E	10.02 E	9.96 E	25
26			10.10	10.05	10.02	10.20	10.40	10.32	10.01 E	9.89 E	10.05 E	9.94 E	26
27			10.11	10.05	10.04	10.24	10.39	10.30	10.07 E	10.00 E	9.96 E	9.97 E	27
28			10.07	10.04	10.03	10.20	10.32		10.07 E	10.07 E	9.97 E	9.96 E	28
29			10.00	10.03	10.00	10.12	10.31	10.04 E	10.10 E	10.02 E	9.75 E	9.92 E	29
30			10.02	10.05	9.97	10.15	10.34	9.98 E	10.02 E	10.03 E	9.84 E	9.96 E	30
31			9.98		9.97		10.29	9.92 E		9.93 E		9.91 E	31
=MONTHLY SUMMARY=													
MEAN				10.05	9.99	10.03	10.33		10.00	9.99	9.95	9.93	MEAN
INST				9.88	9.87	9.87	10.16		9.86	9.85	9.73	9.80	INST
MAX				(4)	(18)	(10)	(1)		(17)	(11)	(29)	(13)	MAX
INST				10.17	10.09	10.32	10.48		10.12	10.12	10.08	10.07	INST
MIN				(17)	(1)	(27)	(14)		(29)	(6)	(11)	(21)	MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 056

TOWN OF FOREST

CONC =

LOT =

WELL REC #1 3404047
UTM CO-ORD: Z-17 E418540 N4771920
LAT & LONG: 43-06NORTH 82-00WEST

REC METHOD: IFI TYPE RECORDER

REC COMM: MAY 8 1950

MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE

GND ELEV: 214 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: CLAY 33.6.

DIAMETER OF WELL: 15 CM

LENGTH OF CASING: 33.6 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 33.6 METRES

PUMP RATE: N/A.

SPEC. CAP: N/A.

AQUIFER: CLAY

QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.41	30.65		30.40	29.99	30.38	30.29	30.29	30.26	29.90	30.38	30.28	1
2	30.40	30.66		30.39	30.09	30.34	30.31	30.23	30.33	29.88	30.48	30.25	2
3	30.46	30.68			30.08	30.42	30.33	30.26	30.42	29.88	30.31	30.52	3
4	30.45	30.68		29.92	30.02	30.52	30.36	30.29	30.41	29.91	30.22	30.46	4
5	30.41	30.68	30.11	30.03		30.52	30.28	30.32	30.41	30.04	30.29	30.46	5
6	30.37	30.61	30.26	30.06		30.39	30.35	30.38	30.39	30.04	30.23	30.39	6
7	30.23	30.64	30.23	30.02		30.28	30.34	30.35	30.39	29.97	30.17	30.35	7
8		30.71	30.16	29.96		30.32	30.27	30.25	30.41	29.90	30.25	30.31	8
9	30.80	30.64	30.16	29.92		30.23	30.30	30.24	30.38	29.97	30.18	30.34	9
10	30.74	30.52	30.08	29.93	30.37	30.30	30.30	30.32	30.40	29.94	30.33	30.33	10
11	30.54		30.18	30.03	30.27		30.33	30.24	30.36	29.85	30.43	30.42	11
12	30.79		30.29	29.96	30.29		30.37	30.28	30.38	29.90	30.43	30.30	12
13	30.71		30.17	30.04	30.27		30.40	30.34	30.35	29.98	30.36	30.32	13
14	30.73		30.18	29.88	30.34		30.45	30.37	30.33	30.04	30.38	30.33	14
15	30.79		30.37	29.82	30.42		30.41	30.30	30.37	30.00	30.40	30.33	15
16	30.70		30.27	30.06	30.47		30.35	30.31	30.28	29.97	30.47	30.31	16
17	30.62		30.15	30.10	30.40	30.51	30.32	30.26	30.31	29.92	30.49	30.35	17
18	30.70		30.37	30.11	30.26	30.36		30.27	30.42	29.87	30.38	30.24	18
19	30.76		30.43	30.05	30.28	30.32	30.40	30.30	30.44	29.85	30.39	30.36	19
20	30.72		30.35	30.02	30.35	30.28	30.32		30.38	29.90	30.38	30.49	20
21	30.63		30.16	30.04	30.38	30.36	30.36		30.33	29.91	30.35	30.54	21
22	30.49		30.33	29.94	30.42	30.35	30.34		30.34	30.01	30.39	30.48	22
23	30.48		30.40	29.93	30.42	30.35	30.36		30.47	30.10	30.38	30.36	23
24	30.46		30.29	29.93	30.38	30.40	30.38		30.46	30.01	30.33	30.31	24
25	30.48		30.38	29.95	30.41	30.40	30.39		30.40	29.80	30.43	30.42	25
26	30.61		30.45	29.98	30.50	30.40	30.37	30.35		29.83	30.48	30.34	26
27	30.63		30.47	29.95	30.48	30.40	30.33	30.36	30.05		30.42	30.40	27
28	30.63		30.42	29.89	30.47	30.34	30.33	30.39	30.03	30.32	30.25	30.45	28
29	30.64		30.36	29.89	30.46	30.21	30.32	30.40	30.04	30.40	30.18	30.34	29
30	30.70		30.33	29.93	30.41	30.29	30.39	30.34	30.37	30.37	30.26	30.38	30
31	30.63		30.26		30.42		30.28	30.26		30.50		30.34	31
=MONTHLY SUMMARY=													
MEAN											30.35	30.37	MEAN
INST											30.12	30.13	INST
MAX											(7)	(2)	MAX
INST											30.60	30.65	INST
MIN											(18)	(3)	MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 549
TOWNSHIP OF ENNISKILLEN

CON. 7

LOT 15

WELL REC #1 3406612
UTM CO-ORD: 2-17 E407600 N4742665
LAT & LONG: 42° 50' NORTH 82° 10' WEST

REC METHOD: A-71 RECORDER
REC COMMCD: AUG. 28 1979
MEASURE PT: 0.30 METRES ABOVE GROUND SURFACE
GND ELEV: 201 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN, BLUE CLAY 5.5,

DIAMETER OF WELL: 61 CM
LENGTH OF CASING: 5.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5.5 METRES

PUMP RATE: N.A. L/S
SPEC. CAP: N.A. L/S/M
AQUIFER: BLUE CLAY
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.43	0.86	1.28	0.54	0.59	0.64							1
2	0.41	0.88	1.28	0.57	0.60	0.60							2
3	0.44	0.90	1.27	0.50	0.62	0.57							3
4	0.48	0.92	1.27	0.44	0.64	0.62							4
5	0.51	0.94	1.29	0.54	0.66	0.65							5
6	0.51	0.95	1.31	0.57	0.68	0.57							6
7	0.50	0.98	1.32	0.58	0.71	0.57							7
8	0.50	1.00	1.31	0.56	0.74	0.57							8
9	0.57	1.00	1.33	0.49	0.77	0.56							9
10	0.56	1.01	1.32	0.44	0.79	0.57							10
11	0.52	1.02	1.33	0.47	0.80	0.61							11
12	0.54	1.05	1.35	0.42	0.83	0.63							12
13	0.59	1.08	1.34	0.43	0.59	0.65							13
14	0.61	1.10	1.36	0.28	0.60								14
15	0.64	1.11	1.38	0.29	0.64								15
16	0.65	1.12	1.38	0.37	0.69								16
17	0.64	1.15	1.32	0.40	0.63								17
18	0.63	1.16	1.21	0.41	0.55								18
19	0.64	1.18	1.17	0.52	0.58								19
20	0.65	1.20	1.13	0.56	0.60								20
21	0.65	1.22	0.64	0.46	0.61								21
22	0.64	1.22	0.57	0.46	0.64								22
23	0.66	1.23	0.58	0.58	0.66								23
24	0.68	1.23	0.55	0.59	0.67								24
25	0.70	1.23	0.56	0.61	0.70								25
26	0.73	1.24	0.48	0.63	0.74								26
27	0.75	1.22	0.51	0.61	0.77								27
28	0.77	1.24	0.52	0.57	0.79								28
29	0.79	1.27	0.49	0.56	0.81								29
30	0.82		0.51	0.57	0.81								30
31	0.83		0.49		0.68								31

-MONTHLY SUMMARY-

MEAN	0.61	1.09	1.03	0.50	0.68								MEAN
INST	0.38	0.85	0.42	0.13	0.48								INST
MAX	(2)	(1)	(26)	(14)	(17)								MAX
INST	0.65	1.28	1.38	0.65	0.84								INST
MIN	(31)	(29)	(16)	(27)	(30)								MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 206
TOWNSHIP OF CARADOC

RANGE 1 N LOT 15

WELL REC #1 4106020
UTM CO-ORD: 2-17 E460740 N4747920
LAT & LONG: 42° 53' NORTH 81° 29' WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JUN 27 1967
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 238 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 6.7,

DIAMETER OF WELL: 182 CM
LENGTH OF CASING: 6.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.80	1.24	1.32	1.59	1.91	2.34	2.51	2.43	2.64	2.41	2.30	2.33	1
2	0.85	1.25	1.33	1.64	1.96	2.34		2.42	2.61	2.41	2.31	2.30	2
3	0.90	1.27	1.35	1.69	2.00		2.55	2.41	2.57	2.41		2.26	3
4	0.95	1.28	1.37	1.53	2.04		2.63		2.55	2.40		2.23	4
5	0.99	1.29		1.54	2.07	2.30	2.68		2.53	2.40	2.33	2.22	5
6	1.02	1.30	2.40	1.64	2.09	2.30	3.08		2.53	2.40	2.33	2.22	6
7	1.04	1.31	2.41	1.71	2.11	2.29	2.69	2.39	2.52	2.39	2.33	2.21	7
8	1.06	1.32	2.42	1.71	2.13	2.24	2.88	2.40	2.53	2.39	2.33	2.17	8
9	1.09	1.33	2.43	1.57	2.15	2.18	2.81	2.41	2.53	2.39	2.33	2.11	9
10	1.11	1.34	2.43	1.56	2.17	2.12	2.77	2.42	2.54	2.39	2.33	2.09	10
11	1.04	1.35	2.43	1.66	2.18	2.12	2.74	2.43	2.55	2.39	2.34	2.08	11
12	0.94	1.36	2.43	1.68	2.20	2.14	2.72	2.44	2.56	2.40	2.34	2.08	12
13	0.98	1.37	2.43	1.72	2.20	2.18	2.71	2.46	2.57	2.40	2.34	2.08	13
14	1.03	1.38	2.43	1.63	2.16	2.21	2.70	2.47	2.54	2.40	2.35	2.08	14
15	1.05	1.39	2.44	1.31	2.14	2.23	2.69	2.48	2.51	2.38	2.35	2.08	15
16	1.06	1.40	2.45	1.42	2.15	2.26	2.70	2.49	2.49	2.37	2.35	2.11	16
17	1.06	1.40	2.43	1.56	2.17	2.28	2.70	2.50	2.47	2.35	2.36	2.14	17
18	1.06	1.41	2.36	1.66	2.07	2.30	2.70	2.52	2.46	2.33	2.36	2.17	18
19	1.06	1.41	2.30	1.75	2.01	2.32	2.69	2.53	2.46	2.32	2.36	2.19	19
20	1.06	1.42	2.26	1.83	2.02	2.33	2.68	2.53	2.46	2.31	2.36	2.22	20
21	1.06	1.42	2.00	1.88	2.05	2.33	2.68	2.54	2.46	2.30	2.37	2.24	21
22	1.07	1.40	1.74	1.92	2.09	2.35	2.67	2.56	2.46	2.30	2.37	2.26	22
23	1.08	1.38	1.76	1.96	2.12	2.37	2.64	2.56	2.44	2.30	2.37	2.28	23
24	1.09	1.35	1.72	1.99	2.15	2.40	2.62	2.57	2.42	2.30	2.37	2.30	24
25	1.11	1.32	1.59	2.01	2.19	2.41	2.61	2.58	2.41	2.30	2.37	2.31	25
26	1.14	1.30	1.67	2.03	2.22	2.43	2.61	2.59	2.40	2.29	2.37	2.32	26
27	1.16	1.29	1.74	2.04	2.25	2.45	2.61	2.60	2.40	2.29	2.37	2.33	27
28	1.17	1.29	1.74	2.01	2.28	2.47	2.58	2.62	2.40	2.28	2.36	2.34	28
29	1.19	1.30	1.67	1.95	2.30	2.48	2.53	2.63	2.40	2.29	2.35	2.35	29
30	1.20		1.63	1.88	2.32	2.50	2.48	2.64	2.41	2.29	2.34	2.35	30
31	1.22		1.59		2.33		2.45	2.65		2.30		2.35	31

-MONTHLY SUMMARY-

MEAN	1.05	1.34		1.74	2.14			2.49	2.35			2.22	MEAN
INST	0.78	1.23		1.29	1.88			2.39	2.28			2.08	INST
MAX	(1)	(1)		(15)	(1)			(27)	(28)			(11)	MAX
INST	1.23	1.42		2.04	2.34			2.65	2.41			2.36	INST
MIN	(31)	(21)		(27)	(31)			(1)	(1)			(31)	MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 543

TOWNSHIP OF CARUOC

CONC. 3

LOT 22

WELL REC #1 4106709
UTM CO-ORD: Z=17 E461148 N4752335
LAT & LONG: 42°56'NORTH 81°28'WEST

REC METHOD: A-71 RECORDER

REC COMMCD: MAY 15 1975

MEASURE PT: METRES ABOVE GROUND SURFACE

GND ELEV: 252 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: BROWN CLAY & SILT 4.3; BROWN CLAY 5.5; SILTY BLUE CLAY 15.5; FINE, DIRTY GRAVEL 20.4; MEDIUM GRAVEL 28.7,

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 27.8 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 28.7 METRES

PUMP RATE: 10 L/S
SPEC. CAP: 0.28 L/S/M
AQUIFER: MEDIUM GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											11.08		1
2										11.38	11.11		2
3										11.14	11.03		3
4										11.11	11.05		4
5										11.03	11.03		5
6										11.05	11.03		6
7										10.93	11.07		7
8										10.83	10.97		8
9										11.14	11.03		9
10										11.06	10.94		10
11										10.98			11
12										11.00			12
13										10.97	11.44		13
14										11.07	11.35		14
15										11.07	11.51		15
16										11.22			16
17										11.10	11.47		17
18										11.02			18
19										11.07			19
20										11.06			20
21										11.11			21
22										11.10	11.49		22
23										11.14	11.40		23
24										11.03			24
25										11.02			25
26										11.05			26
27										11.05	11.51		27
28										11.09			28
29										11.14			29
30										11.06			30
31										10.99			31

=MONTHLY SUMMARY=

MEAN

INST

MAX

INST

MIN

MEAN

INST

MAX

INST

MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 100

TOWNSHIP OF LONO

CONC. 2

LOT 5

WELL REC #1 4106413
UTM CO-ORD: Z=17 E464840 N4755200
LAT & LONG: 81°27'NORTH 42°55'WEST

REC METHOD: IFI TYPE RECORDER

REC COMMCD: MAY 16 1963

MEASURE PT: 0.07 METRES ABOVE GROUND SURFACE

GND ELEV: 245 METRES ABOVE SEA LEVEL

WELL TYPE: DUG

WELL LOG: BROWN SAND AND GRAVEL 0.7.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 6.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		4.27		4.10					4.48	4.58	4.66	4.74	1
2		4.28		4.10					4.48	4.59	4.66	4.73	2
3		4.28		4.09					4.49	4.59	4.66	4.72	3
4		4.28		4.08					4.50	4.59	4.67	4.72	4
5		4.28		4.08					4.51	4.60	4.67	4.72	5
6		4.28		4.07					4.52	4.60	4.67	4.73	6
7		4.29		4.07					4.53	4.60		4.73	7
8		4.29		4.06					4.55	4.60		4.72	8
9	4.28	4.29		4.05					4.56	4.61		4.71	9
10	4.28			4.05					4.57	4.61		4.70	10
11	4.26			4.04					4.58	4.62		4.70	11
12	4.24			4.04					4.59	4.62		4.69	12
13	4.24			4.04					4.60	4.62	4.70	4.69	13
14	4.24			4.02					4.59	4.62	4.70	4.69	14
15	4.24			4.00					4.57	4.62	4.70	4.69	15
16	4.24			3.98					4.55	4.62	4.70		16
17	4.25			3.96					4.55	4.62	4.71	4.70	17
18	4.25			3.94					4.55	4.62	4.71	4.69	18
19	4.25			3.93					4.55	4.63	4.71	4.70	19
20	4.25			3.92					4.56	4.63	4.72	4.70	20
21	4.25			3.92					4.56	4.63	4.72	4.70	21
22	4.25			3.92					4.56	4.63	4.72	4.70	22
23	4.25			3.93				4.38	4.55	4.63	4.72	4.71	23
24	4.25			3.94				4.39	4.55	4.63	4.73	4.71	24
25	4.26			3.94				4.40	4.56	4.64	4.73	4.71	25
26	4.26		4.12	3.95				4.41	4.56	4.64	4.73	4.71	26
27	4.26		4.12					4.42	4.57	4.64	4.73	4.71	27
28	4.26		4.11					4.43	4.57	4.64	4.74	4.72	28
29	4.27		4.11					4.45	4.58	4.65	4.74	4.72	29
30	4.27		4.11					4.46	4.58	4.65	4.74	4.72	30
31	4.27		4.10					4.47		4.65		4.72	31

=MONTHLY SUMMARY=

MEAN

INST

MAX

INST

MIN

MEAN

INST

MAX

INST

MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 107

TOWNSHIP OF LUPO

CONC. 2

LOT 6

WELL REC #: 4100889
UTM CO-ORD: 7-17 E465180 N4755140
LAT & LONG: 42-57NORTH 81-26WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN 19 1963
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 246 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY CLAY AND GRAVEL 2.11 SAND GRAVEL AND SMALL Boulders 7.61 SANDY BLUE CLAY 14.61 BLUE CLAY AND GRAVEL 25.91
HARD SANDY CLAY AND GRAVEL 98.8.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 36.6 METRES
LENGTH OF SCREEN: 3.0 METRES
DEPTH OF WELL: 39.6 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		8.94	9.02	8.94 E	8.89 E	9.03 E	9.18	9.35	9.37	9.29	9.31	9.06	1
2		8.94	8.98	8.97 E	8.91 E	8.98 E	9.20	9.34	9.36	9.30	9.32	9.08	2
3		8.91	8.94	8.97 E	8.92 E	8.98 E	9.24	9.25	9.43	9.28	9.06	3	3
4		8.91	8.97	8.89 E	8.91 E	9.00	9.30	9.21	9.44	9.24	9.24	9.11	4
5		8.93	8.98	8.87 E	8.93 E	9.02	9.30	9.22	9.45	9.21	9.23	9.11	5
6		8.92	9.02	8.85 E	9.02 E	9.03	9.35	9.27	9.44	9.20	9.24	9.11	6
7		8.94	9.02	8.86 E	9.07 E	8.99	9.45	9.32	9.37	9.21	9.23	9.05	7
8		8.98	9.00	8.88 E	9.09 E	8.92	9.44	9.37	9.34	9.22	9.21	9.01	8
9	8.95	8.98	8.96	8.87 E	9.10 E	8.88	9.46	9.36	9.38	9.27	9.17	9.01	9
10	8.97	8.94	8.92	8.86 E	9.11 E	8.88	9.47	9.29	9.42	9.31	9.16	9.02	10
11	8.91	8.92	8.96	8.88 E	9.07 E	8.93	9.50	9.24	9.42	9.29	9.22	9.04	11
12	8.91	8.95	9.01	8.85 E	9.10 E	8.98	9.49	9.27	9.43	9.27	9.27	9.05	12
13	8.89	8.97	9.00	8.82 E	9.12 E	8.99	9.42	9.29	9.43	9.25	9.29	9.01	13
14	8.88	9.00	9.01	8.79 E	9.09 E	9.02	9.39	9.28	9.36	9.23	9.29	8.99	14
15	8.91	9.02	9.04	8.77 E	9.09 E	9.00	9.45	9.27	9.33	9.26	9.29	8.97	15
16	8.91	9.00	9.00	8.82 E	9.11 E	9.01	9.44	9.28	9.32	9.29	9.24	8.99	16
17	8.89	8.96	8.95	8.87 E	9.09 E	9.06	9.43	9.27	9.30	9.28	9.21	9.01	17
18	8.91	8.94	8.99	8.80 E	9.00 E	9.09	9.44	9.28	9.31	9.23	9.19	9.02	18
19	8.92	8.93	9.01	8.86 E	8.93 E	9.12	9.41	9.31	9.32	9.17	9.21	9.05	19
20	8.90	8.97	9.00	8.81 E	8.94 E	9.11	9.36	9.33	9.34	9.14	9.22	9.10	20
21	8.87	8.99	8.95	8.80 E	8.99 E	9.08	9.35	9.34	9.28	9.15	9.20	9.08	21
22	8.87	8.99	8.96	8.81 E	9.03 E	9.12	9.36	9.33	9.27	9.18	9.21	9.04	22
23	8.86	8.99	8.94	8.85 E	9.04 E	9.17	9.33	9.32	9.30	9.25	9.16	9.03	23
24	8.87	8.94	8.89	8.90 E	9.07 E	9.25	9.34	9.26	9.32	9.28	9.10	9.07	24
25	8.89	8.93	8.92 E	8.93 E	9.03 E	9.26	9.38	9.22	9.30	9.26	9.12	9.10	25
26	8.91	8.98	8.96 E	8.93 E	9.06 E	9.29	9.39	9.28	9.30	9.22	9.16	9.07	26
27	8.88	8.96	8.98 E	8.89 E	9.11 E	9.31	9.34	9.34	9.31	9.22	9.16	9.02	27
28	8.88	8.97	8.97 E	8.85 E	9.13 E	9.33	9.31	9.37	9.29	9.23	9.12	9.03	28
29	8.90	9.00	8.92 E	8.83 E	9.13 E	9.20	9.32	9.42	9.27	9.27	9.10	9.01	29
30	8.91		8.91 E	8.83 E	9.12 E	9.14	9.33	9.44	9.28	9.29	9.07	9.00	30
31	8.92		8.90 E		9.09 E		9.36	9.40		9.29		9.02	31
-MONTHLY SUMMARY-													
MEAN		8.96	8.97	8.86	9.04	9.07	9.37	9.31	9.35	9.24	9.21	9.04	MEAN
INST		8.89	8.88	8.76	8.85	8.87	9.18	9.19	9.26	9.13	9.07	8.96	INST
MAX	(4)	(24)	(15)	(1)	(9)	(1)	(25)	(21)	(21)	(20)	(30)	(15)	MAX
INST		9.03	9.05	9.08	9.15	9.35	9.52	9.45	9.47	9.31	9.33	9.13	INST
MIN	(24)	(15)	(3)	(28)	(28)	(12)	(30)	(6)	(10)	(2)	(20)	(31)	MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 071

TOWNSHIP OF WESTMINSTER

NTR E

LOT 62

WELL REC #: 4105766
UTM CO-ORD: 2-17 E478438 N4747840
LAT & LONG: 42-53NORTH 81-16WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT 16 1958
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 265 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: CLAY 13.7.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 13.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 13.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: CLAY
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.15	1.59	1.92	1.47	1.40	1.92	2.05	2.17	2.20	2.27 E	2.34 E	2.38 E	1
2	1.17	1.61	1.93	1.45	1.42	1.93	2.06	2.17	2.20	2.28 E	2.34 E	2.37 E	2
3		1.63	1.93	1.44	1.44	1.93	2.07	2.17	2.20	2.28 E	2.34 E	2.34 E	3
4		1.65	1.94	1.37	1.47	1.94	2.07	2.17	2.20	2.28 E	2.34 E	2.34 E	4
5		1.65	1.95	1.32	1.49	1.95	2.08	2.17	2.21	2.29 E	2.34 E	2.34 E	5
6		1.66	1.96	1.31	1.52	1.95	2.08	2.17	2.21	2.29 E	2.34 E	2.34 E	6
7		1.67	1.97	1.32	1.54	1.95	2.09	2.17	2.21	2.30 E	2.35 E	2.33 E	7
8		1.70	1.98	1.33	1.57	1.93	2.10	2.17	2.21	2.30 E	2.35 E	2.29 E	8
9	1.34	1.72	1.98	1.31	1.59	1.93	2.10	2.17	2.22	2.30 E	2.35 E	2.19 E	9
10	1.36	1.74	1.99	1.31	1.61	1.93	2.10	2.17	2.22	2.31 E	2.35 E	2.15 E	10
11	1.34	1.74	1.98	1.30	1.64	1.93	2.11	2.17	2.22	2.31 E	2.35 E	2.14 E	11
12	1.30	1.76	1.98	1.30	1.66	1.93	2.12	2.17	2.22	2.31 E	2.35 E	2.13 E	12
13	1.31	1.77	1.99	1.29	1.68	1.94	2.12	2.17	2.23	2.31 E	2.35 E	2.12 E	13
14	1.33	1.78	2.00	1.14	1.70	1.94	2.13	2.17	2.24	2.32 E	2.35 E	2.13 E	14
15	1.35	1.80	2.01	0.97	1.72	1.95	2.13	2.17	2.24	2.32 E	2.35 E	2.13 E	15
16	1.36	1.81	2.01	0.93	1.73	1.96	2.14	2.17	2.24	2.32 E	2.35 E	2.13 E	16
17	1.38	1.82	1.98	0.94	1.75	1.96	2.15	2.17	2.24	2.32 E	2.35 E	2.13 E	17
18	1.40	1.83	1.95	0.98	1.75	1.97	2.15	2.17	2.25	2.32 E	2.35 E	2.13 E	18
19	1.41	1.84	1.95	1.01	1.76	1.98	2.16	2.18	2.25	2.32 E	2.36 E	2.14 E	19
20	1.43	1.86	1.94	1.05	1.77	1.98	2.16	2.18	2.25	2.33 E	2.36 E	2.14 E	20
21	1.44	1.86	1.80	1.09	1.78	1.99	2.16	2.18	2.25	2.33 E	2.36 E	2.15 E	21
22	1.45	1.87	1.75	1.12	1.79	1.99	2.17	2.18	2.25	2.33 E	2.36 E	2.16 E	22
23	1.47	1.87	1.75	1.16	1.81	2.00	2.17	2.18	2.26	2.33 E	2.36 E	2.16 E	23
24	1.48	1.87	1.75	1.19	1.82	2.01	2.18	2.18	2.26	2.33 E	2.37 E	2.17 E	24
25	1.50	1.87	1.72	1.23	1.83	2.01	2.18	2.18	2.26	2.33 E	2.37 E	2.17 E	25
26	1.51	1.88	1.71	1.27	1.85	2.02	2.19	2.19	2.26 E	2.33 E	2.37 E	2.18 E	26
27	1.53	1.89	1.69	1.30	1.86	2.03	2.19	2.19	2.26 E	2.33 E	2.37 E	2.18 E	27
28	1.54	1.90	1.67	1.33	1.88	2.03	2.18	2.19	2.26 E	2.33 E	2.37 E	2.19 E	28
29	1.56	1.91	1.63	1.36	1.89	2.04	2.18	2.20	2.26 E	2.33 E	2.38 E	2.20 E	29
30	1.56		1.58	1.38	1.90	2.05	2.17	2.20	2.27 E	2.34 E	2.38 E	2.21 E	30
31	1.57		1.53		1.91		2.17	2.20		2.34 E		2.22 E	31
-MONTHLY SUMMARY-													
MEAN		1.78	1.87	1.23	1.69	1.97	2.13	2.18	2.23	2.31	2.35	2.21	MEAN
INST		1.58	1.49	0.93	1.39	1.91	2.05	2.17	2.20	2.27	2.34	2.12	INST
MAX	(1)	(31)	(17)	(1)	(1)	(1)	(1)	(6)	(1)	(1)	(1)	(13)	MAX
INST		1.91	2.01	1.49	1.91	2.05	2.19	2.20	2.27	2.34	2.38	2.38	INST
MIN	(29)	(16)	(1)	(31)	(30)	(27)	(30)	(30)	(31)	(30)	(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 515
TOWNSHIP OF WESTMINSTER

LONG. 5 LOT 22

WELL REC #1 4103738
UTM CO-ORD: 2=17 E479040 N4748890
LAT & LONG: 42=54NORTH 81=15WEST

REC METHOD: 435 RECORDER

REC COMM: AUG 9 1959

MEASURE PT: 1.6 METRES ABOVE GROUND SURFACE

GND ELEV: 258 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: TOPSOIL 0.3; FINE SAND 2.4; BLUE CLAY 14.6; CLAY AND GRAVEL 24.4; BLUE CLAY AND GRAVEL 28.7; CLAY AND GRAVEL 30.2; GRAVEL AND MIXED SAND 31.4; CLAY AND GRAVEL 31.7; GRAVEL AND MIXED SAND 36; FINE SAND 38.1; MIXED SAND AND SILT, CLAY 39.3; GRAVEL AND FINE SAND 42.3; GRAVEL 43.9.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 31.1 METRES
LENGTH OF SCREEN: 3 METRES
DEPTH OF WELL: 34.2 METRES

PUMP RATE: 53.2 L/S
SPEC. CAP: 0.41 L/S/M
AQUIFER: 1 GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		9.01	8.96	8.80	8.65	8.58	8.56	8.52	8.51 E	8.51 E	8.54 E	8.56 E	1
2		9.01	8.93	8.78	8.65	8.57	8.58	8.51	8.51 E	8.50 E	8.57 E	8.53 E	2
3		9.01	8.92	8.71	8.64	8.60	8.58	8.50	8.50 E	8.50 E	8.55 E	8.62 E	3
4		9.00	8.91	8.76	8.61	8.62	8.58	8.52	8.53 E	8.51 E	8.52 E	8.63 E	4
5		8.98	8.95	8.78	8.60	8.60	8.56	8.52	8.52 E	8.55 E	8.53 E	8.61 E	5
6		9.01	8.93	8.77	8.61	8.58	8.59	8.54	8.52 E	8.55 E	8.53 E	8.60 E	6
7		9.01	8.90	8.74	8.63	8.56	8.57	8.54	8.52 E	8.53 E	8.50 E	8.58 E	7
8		8.98	8.90	8.70	8.63	8.58	8.55	8.52	8.52 E	8.50 E	8.54 E	8.55 E	8
9	9.09	8.96	8.87	8.71	8.63	8.56	8.57	8.51	8.51 E	8.53 E	8.51 E	8.57 E	9
10	9.08	8.94	8.92	8.73	8.60	8.59	8.58	8.51	8.52 E	8.52 E	8.56 E	8.57 E	10
11	8.99	8.98	8.95	8.71	8.62	8.61	8.59	8.51	8.52 E	8.49 E	8.58 E	8.59 E	11
12	9.03	8.98	8.90	8.74	8.61	8.61	8.59	8.50	8.51 E	8.52 E	8.58 E	8.54 E	12
13	9.05	8.98	8.92	8.69	8.61	8.59	8.58	8.51	8.51 E	8.55 E	8.56 E	8.57 E	13
14	9.05	8.95	8.97	8.66	8.64	8.57	8.58	8.50	8.50 E	8.55 E	8.56 E	8.57 E	14
15	9.02	8.93	8.94	8.74	8.66	8.57	8.57	8.50	8.51 E	8.55 E	8.57 E	8.57 E	15
16	9.01	8.95	8.87	8.76	8.66	8.59	8.56	8.52	8.50 E	8.55 E	8.59 E	8.56 E	16
17	9.02	8.96	8.94	8.74	8.60	8.58	8.55	8.53	8.49 E	8.52 E	8.58 E	8.56 E	17
18	9.03	8.95	8.93	8.72	8.61	8.57	8.58	8.51	8.53 E	8.50 E	8.56 E	8.54 E	18
19	9.02	8.93	8.88	8.70	8.62	8.54	8.57	8.51	8.54 E	8.51 E	8.58 E	8.60 E	19
20	8.98	8.95	8.82	8.70	8.62	8.57	8.57	8.51	8.52 E	8.51 E	8.57 E	8.62 E	20
21	8.95	8.92	8.89	8.68	8.62	8.58	8.57	8.50	8.50 E	8.52 E	8.56 E	8.62 E	21
22	8.95	8.95	8.89	8.65	8.61	8.58	8.56	8.50 E	8.50 E	8.56 E	8.59 E	8.61 E	22
23	8.95	8.95	8.83	8.67	8.60	8.58	8.56	8.52 E	8.52 E	8.58 E	8.58 E	8.57 E	23
24	8.98	8.95	8.84	8.66	8.59	8.58	8.56	8.53 E	8.54 E	8.55 E	8.57 E	8.57 E	24
25	9.01	8.95	8.86	8.67	8.61	8.58	8.56	8.53 E	8.52 E	8.50 E	8.58 E	8.60 E	25
26	9.00	8.91	8.86	8.66	8.62	8.57	8.56	8.53 E	8.54 E	8.52 E	8.60 E	8.58 E	26
27	9.01	8.94	8.83	8.64	8.62	8.57	8.54	8.53 E	8.55 E	8.55 E	8.55 E	8.61 E	27
28	9.01	8.98	8.80	8.64	8.62	8.56	8.53	8.53 E	8.55 E	8.54 E	8.52 E	8.60 E	28
29	9.02	8.98	8.79	8.64	8.61	8.53	8.53	8.53 E	8.54 E	8.56 E	8.51 E	8.57 E	29
30	9.01		8.76	8.65	8.59	8.55	8.52	8.53 E	8.53 E	8.56 E	8.56 E	8.57 E	30
31	9.01		8.81		8.59		8.52	8.52 E		8.53 E		8.56 E	31

MONTHLY SUMMARY

-MONTHLY SUMMARY-												
MEAN	8.97	8.89	8.71	8.62	8.58	8.56	8.52	8.52	8.53	8.56	8.58	MEAN
INST MAX	8.90 (26)	8.75 (30)	8.63 (13)	8.58 (24)	8.53 (29)	8.52 (31)	8.49 (12)	8.46 (17)	8.46 (25)	8.48 (9)	8.50 (2)	INST MAX
INST MIN	9.02 (7)	8.98 (1)	8.81 (1)	8.66 (15)	8.62 (4)	8.60 (6)	8.54 (7)	8.55 (27)	8.58 (23)	8.60 (26)	8.64 (3)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
OXFORD COUNTY

OBSERVATION WELL 542
TOWNSHIP OF BLENHEIM

LONG. 13 LOT 18

WELL REC #1 4704983
UTM CO-ORD: 2=17 E530500 N4794630
LAT & LONG: 43=48 NORTH 80=37 WEST

REL METHOD: 435 RECORDER

REC COMM: OCT. 26 1978

MEASURE PT: 0.43 METRES ABOVE GROUND SURFACE

GND ELEV: 307 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: STONY TILL 5.8; SILTY CLAY 7.6; STONY TILL 9.8; FINE SAND 13.7; COARSE SAND 16.2; MUDDY COARSE SAND 16.8; VERY COARSE SAND 17.1.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 14.8 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 16.3 METRES

PUMP RATE: 8 L/S
SPEC. CAP: N/A
AQUIFER: 1 COARSE SAND
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1.72	2.03	2.11	1.98	2.22	2.22	2.10	2.13	1
2				1.49	1.76	2.04	2.11	2.00	2.22	2.21	2.11	1.95	2
3				1.50	1.79	2.04	2.12	2.02	2.23	2.18	2.12	1.86	3
4				1.42	1.81	2.03	2.13	2.05	2.24	2.18	2.13	1.85	4
5				1.39	1.86	2.03	2.15	2.07	2.24	2.18	2.17	1.89	5
6				1.51	1.89	2.02	2.16	2.10	2.24	2.17	2.18	1.93	6
7				1.58	1.93	1.98	2.16	2.10	2.25	2.18	2.17	1.95	7
8				1.61	1.96	1.97	2.18	2.15	2.25	2.19	2.15	1.82	8
9				1.53	1.97	2.01	2.17	2.18	2.25	2.19	2.15	1.82	9
10				1.51	1.96	2.03	2.18	2.18	2.26	2.19	2.16	1.73	10
11				1.54	1.97	2.05	2.19	2.18	2.27	2.20	2.15	1.81	11
12				1.55	2.01	2.05	2.19	2.18	2.25	2.20	2.15	1.85	12
13				1.58	1.99	2.06	2.20	2.19	2.21	2.19	2.14	1.86	13
14				1.53	2.00	2.06	2.21	2.19	2.22	2.20	2.13	1.79	14
15				1.25	2.01	2.09	2.20	2.20	2.22	2.20	2.14	1.78	15
16				1.38	1.98	2.10	2.20	2.19	2.22	2.19	2.15	1.80	16
17				1.52	1.97	2.12	2.21	2.21	2.24	2.12	2.15	1.81	17
18				1.60	1.90	2.12	2.21	2.22	2.24	2.09	2.17	1.87	18
19				1.66	1.81	2.12	2.21	2.22	2.23	2.10	2.16	1.92	19
20				1.71	1.81	2.11	2.22	2.23	2.22	2.11	2.16	1.94	20
21				1.76	1.86	2.10	2.23	2.24	2.24	2.11	2.17	1.94	21
22				1.81	1.88	2.10	2.09	2.24	2.20	2.12	2.17	1.95	22
23				1.85	1.93	2.13	2.08	2.24	2.19	2.12	2.16	1.96	23
24				1.87	1.93	2.15	2.12	2.24	2.18	2.11	2.18	1.99	24
25				1.90	1.96	2.15	2.13	2.25	2.19	2.06	2.18	1.99	25
26				1.91	1.98	2.16	2.14	2.26	2.19	2.06	2.18	2.02	26
27				1.92	2.04	2.16	2.13	2.25	2.19	2.06	2.17	2.03	27
28				1.91	2.04	2.12	1.76	2.24	2.20	2.05	2.17	2.03	28
29				1.79	2.04	2.10	1.73	2.25	2.22	2.06	2.17	2.04	29
30				1.70	2.04	2.10	1.84	2.23	2.22	2.06	2.17		30
31					2.05		1.92	2.24		2.09			31

MONTHLY SUMMARY

MEAN	1.93	2.08	2.12	2.18	2.22	2.14	2.16	MEAN
INST MAX	1.66 (1)	1.96 (7)	1.58 (26)	1.93 (1)	2.17 (25)	2.03 (26)	2.08 (1)	INST MAX
INST MIN	2.17 (27)	2.28 (26)	2.29 (21)	2.32 (26)	2.33 (11)	2.28 (2)	2.24 (6)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
OXFORD COUNTY

OBSERVATION WELL 177

TOWNSHIP OF SOUTH NORWICH

LONG, 9

LUT 27

WELL REC #: 4702076
UTM CO-ORD: Z=17 E424100 N4750750
LAT & LONG: 42°55'NORTH 80°42'WEST

REC METHOD: A-55 RECORDER
REC COMMCD: MAY 26 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK LOAM 0.3; FINE BROWN SAND 3.1; FINE QUICKSAND 11.6; GREY CLAY 15.9; GRAVEL LAYER 16; CLAY WITH GRAVEL 18.3; GRAVEL 18.5; SAND 19.8; QUICKSAND 23.2; CLAY AND SILT 26.8; HARD CLAY WITH STONES 34.2; LIMESTONE BEDROCK 37.4.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 33.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 37.4 METRES

PUMP RATE: 193 L/S
SPEC. CAP: 0.40 L/S/M
AQUIFER: 1 LIMESTONE
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					11.03 E	11.11 E	11.17 E	11.33 E	11.45	11.58	11.42	11.18	1
2				10.98 E	11.03 E	11.12 E	11.18 E	11.33 E	11.48	11.55	11.42	11.18	2
3				10.99 E	11.04 E	11.12 E	11.18 E	11.34 E	11.50	11.55	11.42	11.17	3
4				10.99 E	11.04 E	11.12 E	11.18 E	11.34 E	11.53	11.55	11.42	11.17	4
5				10.99 E	11.04 E	11.12 E	11.19 E	11.34 E	11.56	11.55	11.42	11.18	5
6				11.00 E	11.04 E	11.13 E	11.20 E	11.35 E	11.58	11.56	11.42	11.18	6
7				11.01 E	11.04 E	11.12 E	11.20 E	11.35 E	11.60	11.56	11.42	11.18	7
8				11.01 E	11.04 E	11.11 E	11.21 E	11.36	11.62	11.56	11.42	11.19	8
9				11.01 E	11.05 E	11.11 E	11.21 E	11.36	11.63	11.55	11.42	11.19	9
10				11.01 E	11.05 E	11.11 E	11.21 E	11.35	11.65	11.55	11.42	11.19	10
11				11.01 E	11.05 E	11.11 E	11.22 E	11.35	11.66	11.55	11.43	11.18	11
12				11.02 E	11.05 E	11.11 E	11.21 E	11.35	11.67	11.56	11.43	11.17	12
13				11.02 E	11.06 E	11.11 E	11.22 E	11.36	11.68	11.56	11.43	11.14	13
14				10.97 E	11.06 E	11.12 E	11.22 E	11.37	11.69	11.56	11.43	11.14	14
15				10.96 E	11.07 E	11.12 E	11.23 E	11.37	11.69	11.56	11.43	11.14	15
16				10.96 E	11.07 E	11.12 E	11.23 E	11.37	11.69	11.56	11.43	11.14	16
17				10.98 E	11.08 E	11.12 E	11.24 E	11.37	11.68	11.49	11.44	11.14	17
18				10.98 E	11.08 E	11.13 E	11.24 E	11.37	11.67	11.46	11.44	11.14	18
19				10.99 E	11.09 E	11.13 E	11.25 E	11.37	11.67	11.44	11.44	11.15	19
20				10.99 E	11.09 E	11.13 E	11.25 E	11.37	11.67	11.44	11.44	11.15	20
21				11.00 E	11.09 E	11.13 E	11.25 E	11.37	11.66	11.43	11.44	11.15	21
22				11.00 E	11.09 E	11.14 E	11.26 E	11.37	11.65	11.43	11.44	11.16	22
23				11.00 E	11.09 E	11.14 E	11.27 E	11.37	11.63	11.43	11.44	11.16	23
24				11.00 E	11.10 E	11.15 E	11.28 E	11.37	11.63	11.44	11.44	11.16	24
25				11.01 E	11.10 E	11.15 E	11.29 E	11.37	11.63	11.44	11.44	11.16	25
26				11.02 E	11.10 E	11.16 E	11.30 E	11.37	11.63	11.42	11.44	11.16	26
27				11.01 E	11.10 E	11.16 E	11.30 E	11.37	11.63	11.42	11.44	11.17	27
28				11.02 E	11.11 E	11.17 E	11.31 E	11.38	11.63	11.42	11.44	11.17	28
29				11.02 E	11.11 E	11.17 E	11.32 E	11.38	11.63	11.42	11.44	11.17	29
30				11.03 E	11.11 E	11.17 E	11.32 E	11.40	11.62	11.42	11.44	11.18	30
31					11.12 E		11.32 E	11.43		11.42		11.17	31
-MONTHLY SUMMARY-													
MEAN					11.07	11.13	11.24	11.36	11.62	11.50		11.17	MEAN
INST					11.03	11.10	11.17	11.33	11.44	11.42		11.14	INST
MAX					(1)	(10)	(1)	(1)	(1)	(27)		(14)	MAX
INST					11.12	11.17	11.33	11.44	11.69	11.60		11.19	INST
MIN					(31)	(29)	(31)	(31)	(15)	(1)		(8)	MIN

ENVIRONMENT ONTARIO
TORONTO
PERTH COUNTY

OBSERVATION WELL 045

TOWNSHIP OF BLANSHARD

NB

LOT 11

WELL REC #: 5001877
UTM CO-ORD: Z=17 E474275 N4795450
LAT & LONG: 43°19'NORTH 81°18'WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 26 1970
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 358 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SAND AND CLAY FILL 0.6; SAND, GRAVEL 1.8; COARSE GRAVEL AND SMALL STONES 10.7; COARSE SAND, YELLOWISH CLAY 11.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 11 METRES

PUMP RATE: 1.1 L/S
SPEC. CAP: N/A
AQUIFER: 1 GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.17	1.46	1.74						2.61	2.76			1
2	1.19	1.47	1.75						2.61	2.75			2
3	1.20	1.48	1.77						2.62	2.68			3
4	1.22	1.49	1.79						2.63	2.67			4
5	1.25	1.50	1.81						2.65	2.68			5
6	1.29	1.51	1.83						2.66	2.69			6
7	1.32	1.52	1.84						2.68	2.70			7
8	1.36	1.53	1.86						2.70				8
9	1.39	1.54	1.87						2.72				9
10	1.40	1.55	1.88						2.74				10
11	1.30	1.56	1.89						2.74				11
12	1.18	1.57	1.89						2.75				12
13	1.20	1.58	1.92						2.76				13
14	1.24	1.59	1.94						2.76				14
15	1.29	1.60	1.96						2.76				15
16	1.30	1.61	1.98						2.76				16
17	1.32	1.62	1.88						2.76				17
18	1.33	1.63	1.62						2.76				18
19	1.33	1.64	1.54						2.76				19
20	1.35	1.65	1.34						2.76				20
21	1.36	1.66	0.93						2.76				21
22	1.37	1.66	1.03						2.76				22
23	1.38	1.67	1.11						2.75				23
24	1.40	1.68	1.12						2.72				24
25	1.41	1.68	1.09						2.72				25
26	1.42	1.69	1.09						2.72				26
27	1.42	1.70	1.07						2.71				27
28	1.43	1.71	1.04					2.55	2.71				28
29	1.43	1.72	1.03					2.56	2.73				29
30	1.44		1.03					2.57	2.75				30
31	1.45		1.03					2.60					31
-MONTHLY SUMMARY-													
MEAN	1.33	1.60	1.54						2.72				MEAN
INST	1.16	1.45	0.85						2.61				INST
MAX	(12)	(1)	(21)						(1)				MAX
INST	1.45	1.73	1.99						2.76				INST
MIN	(31)	(29)	(17)						(19)				MIN

ENVIRONMENT ONTARIO
TORONTO
PERTH COUNTY

OBSERVATION WELL 182

TOWN OF STRATFORD

COND. #

LUT #

WELL REC #1 5001349
UTM CO-ORD: 2-17 E503000 N4802260
LAT & LONG: 43-23NORTH 80-58WEST

REC METHOD: ASS RECORDER
REC COMM: SEP 15 1966

MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 301 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: TOPSOIL 0.9; SAND AND GRAVEL 1.8; YELLOW CLAY 4.6; YELLOW CLAY AND BOULDERS 7.6; GREY MARL 31.4; CEMENTED GRAVEL 35.1; COARSE GRAVEL 36.6; CEMENTED GRAVEL 38.7; BROWN LIMESTONE 105.2; BROWN LIMESTONE 126.6; SOFT WHITE LIMESTONE 132.6; GREY SHALE 134.2.

DIAMETER OF WELL: 36 CM
LENGTH OF CASING: 38.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 134.2 METRES

PUMP RATE: 40 L/S
SPEC. CAP: 0.25 L/S/M
AQUIFER: LIMESTONE
QUALITY: FRESH

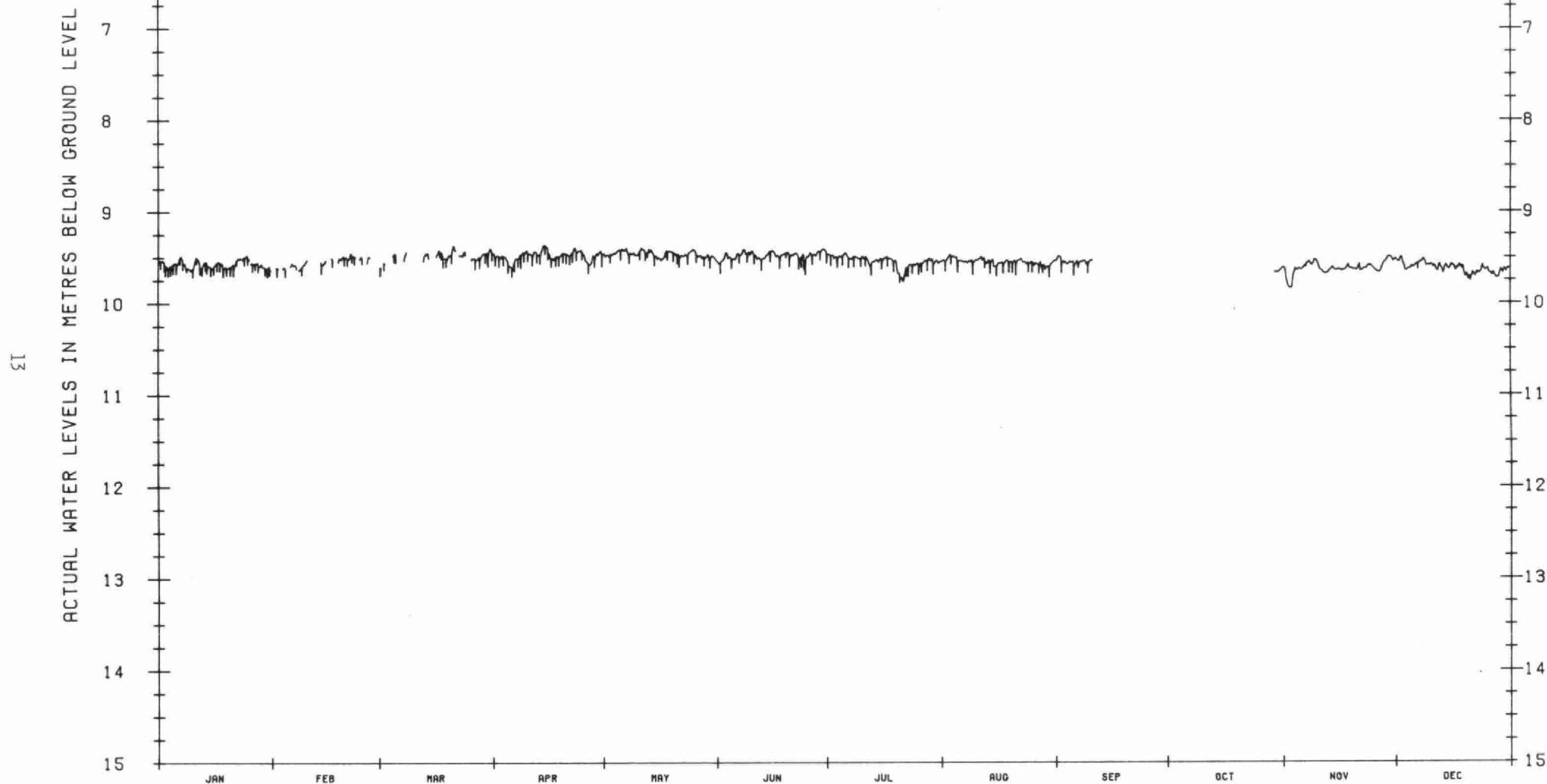
1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.94	18.92	19.26	18.56 E	18.56 E	18.84 E	19.53 E	18.41 E	20.29 E	19.79 E	19.60 E	19.29 E	1
2	17.06	18.78	19.05	18.65 E	18.18 E	19.07 E	19.93 E	18.66 E	20.30 E	19.85 E	19.51 E	19.40 E	2
3	17.65	18.72	19.13	18.60 E	18.30 E	19.02 E	20.31 E	17.30 E	20.42 E	19.98 E	19.24 E	19.49 E	3
4	17.91	18.77	19.02	18.38 E	18.91 E	19.82 E	20.31 E	18.96 E	20.61 E	19.92 E	19.70 E	19.60 E	4
5	18.21	18.98	19.08	18.24 E	17.85 E	20.14 E	19.95 E	17.67 E	20.89 E	20.55 E	19.71 E	19.97 E	5
6	18.28	18.81	19.22	18.35 E	18.29 E	19.24 E	19.94 E	18.06 E	20.69 E	21.04 E	19.65 E	19.35 E	6
7	18.31	18.92	19.20	18.32 E	18.06 E	19.18 E	20.24 E	18.22 E	20.49 E	20.12 E	19.81 E	19.42 E	7
8	18.80	18.99	19.14	18.43 E	18.48 E	17.51 E	20.22 E		20.98 E	20.10 E	19.34 E	19.14 E	8
9	19.03	18.84	17.82	18.59 E	19.00 E	18.44 E	20.62 E	18.77 E	20.52 E	20.13 E	19.68 E	19.40 E	9
10	19.15	18.36	18.03	18.73 E	19.03 E	18.60 E	20.74 E	17.83 E	20.48 E	20.32 E	19.32 E	19.59 E	10
11	19.12	18.36	18.66	18.89 E	18.67 E	19.23 E	20.54 E	18.29 E	20.56 E	20.12 E	19.52 E	19.58 E	11
12	19.11	18.67	18.94	18.80 E	18.88 E	18.99 E	20.03 E	18.79 E	20.71 E	19.91 E	19.61 E	19.69 E	12
13	18.93	18.89	18.84	17.48 E	18.77 E	19.29 E	20.12 E	19.20 E	20.49 E	19.84 E	19.66 E	19.40 E	13
14	18.92	18.99	18.90	17.67 E	18.84 E	19.11 E	21.11 E	19.46 E	20.95 E	19.47 E	19.91 E	19.32 E	14
15	19.23	18.98	18.82	18.17 E	19.09 E	18.96 E	20.76 E	19.60 E	21.43 E	19.65 E	19.54 E	19.22 E	15
16	19.27	18.83	18.77	18.41 E	19.03 E	19.82 E	20.39 E	19.77 E	20.23 E	19.87 E	19.46 E	19.51 E	16
17	19.37	18.69	18.48	18.60 E	18.75 E	19.66 E	19.99 E	19.50 E	20.17 E	20.01 E	19.29 E	19.55 E	17
18	19.53	18.78	18.81	18.58 E	17.10 E	19.63 E	20.14 E	19.54 E	20.27 E	20.11 E	19.58 E	19.58 E	18
19	19.43	19.05	18.62	18.33 E	17.63 E	19.83 E	20.14 E	20.39 E	20.37 E	20.80 E	19.82 E	19.79 E	19
20	19.20	19.15	18.73	18.52 E	18.02 E	19.99 E	20.16 E	20.84 E	20.03 E	19.76 E	19.91 E	19.48 E	20
21	19.20	19.31	18.88	18.21 E	18.40 E	19.40 E	20.09 E	20.82 E	20.15 E	20.00 E	20.08 E	19.78 E	21
22	19.30	19.29	18.73	18.98 E	18.55 E	19.88 E	20.12 E	20.79 E	19.90 E	20.17 E	19.79 E	19.25 E	22
23	19.40	19.10	18.10	19.53 E	19.01 E	20.06 E	20.11 E	20.32 E	19.86 E	20.22 E	19.76 E	19.15 E	23
24	19.13	18.84	18.53	18.92 E	18.69 E	20.97 E	20.15 E	19.84 E	20.21 E	20.25 E	19.45 E	19.05 E	24
25	19.10	18.88	18.75	18.57 E	18.82 E	21.15 E	19.78 E	20.36 E	20.16 E	19.85 E	19.74 E	18.74 E	25
26	19.12	18.81	19.02	18.60 E	19.30 E	21.11 E	19.88 E	21.83 E	20.17 E	19.92 E	19.94 E	18.48 E	26
27	18.96	19.10	19.05	18.46 E	19.24 E	21.10 E	18.06 E	21.40 E	19.56 E	19.53 E	19.96 E	18.62 E	27
28	18.91	19.10	18.69	18.29 E	19.36 E	19.98 E	18.53 E	21.86 E	19.76 E	19.61 E	19.71 E	18.29 E	28
29	19.08	19.06	18.34	18.32 E	19.63 E	19.65 E	18.17 E	21.52 E	19.67 E	19.74 E	19.55 E	18.35 E	29
30	18.91		18.71	18.62 E	19.53 E	19.32 E	18.31 E	21.83 E	19.66 E	19.87 E	19.46 E	18.23 E	30
31	18.96		18.56		18.83 E		18.52 E	20.57 E		19.89 E		17.58 E	31
MONTHLY SUMMARY=													
MEAN	18.79	18.90	18.77	18.49	18.63	19.56	19.91		20.33	20.00	19.64	19.21	MEAN
INST MAX	15.76	17.28	18.67	18.57	18.44	18.59	17.13		18.27	18.03	17.75	16.48	INST MAX
	(2)	(10)	(10)	(14)	(19)	(3)	(30)		(28)	(26)	(9)	(31)	
INST MIN	20.14	19.90	19.95	20.39	20.46	21.92	21.88		21.86	21.47	20.79	20.59	INST MIN
	(23)	(21)	(4)	(23)	(15)	(26)	(14)		(5)	(6)	(24)	(1)	

ENVIRONMENT ONTARIO

1980

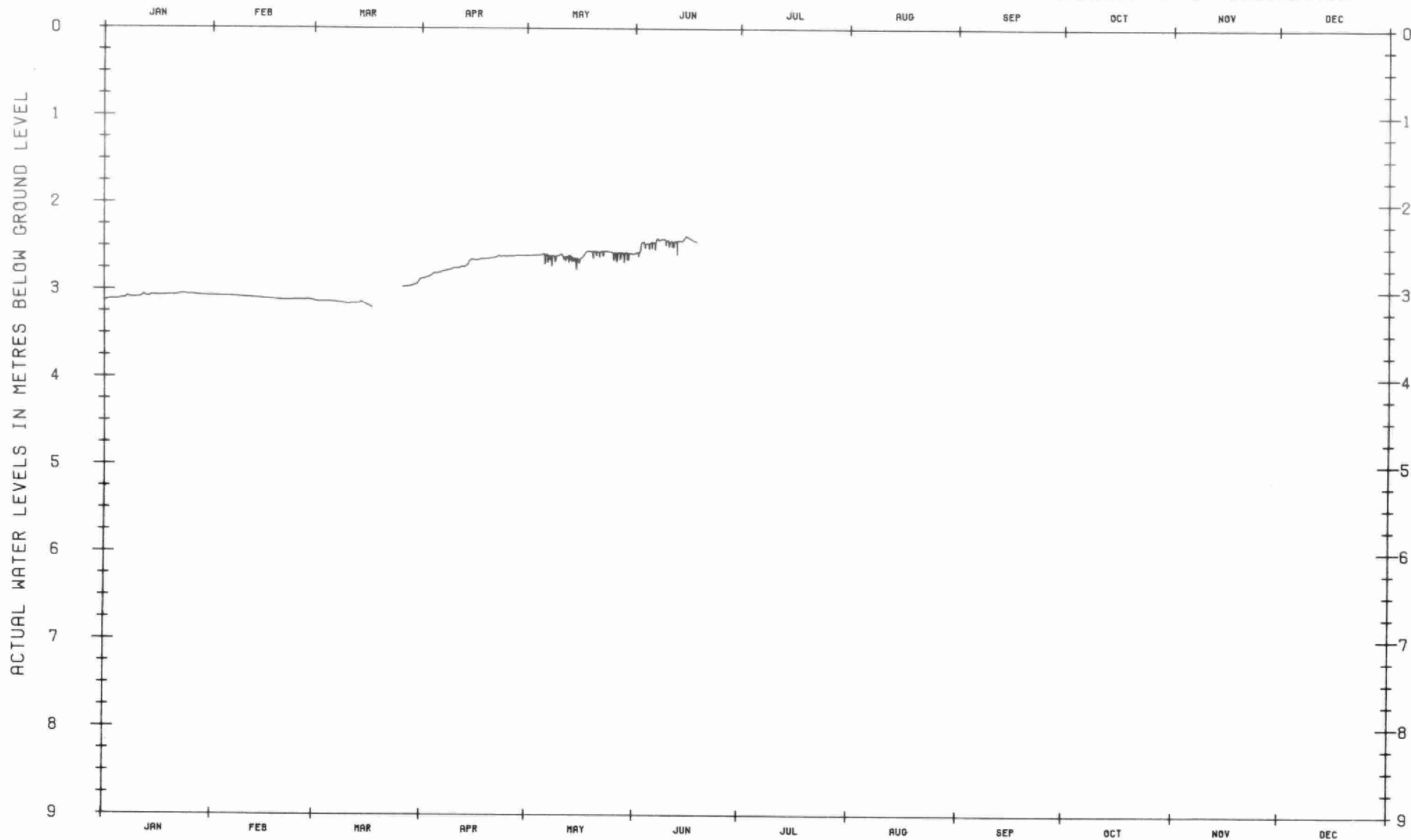
OBSERVATION WELL 164
TOWNSHIP OF SANDWICH E.



ENVIRONMENT ONTARIO

1980

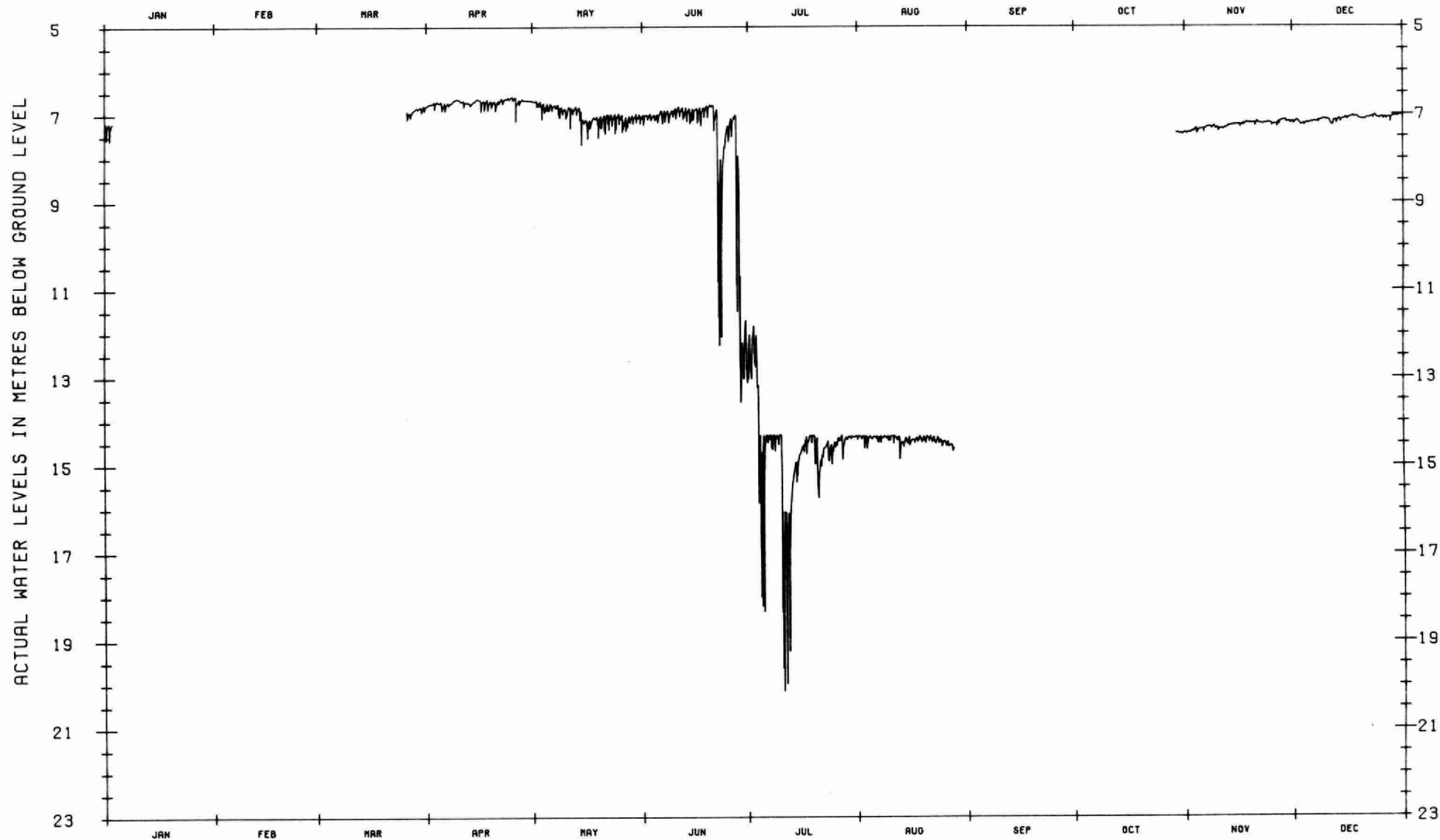
OBSERVATION WELL 170
TOWNSHIP OF S. COLCHESTER



ENVIRONMENT ONTARIO

1980

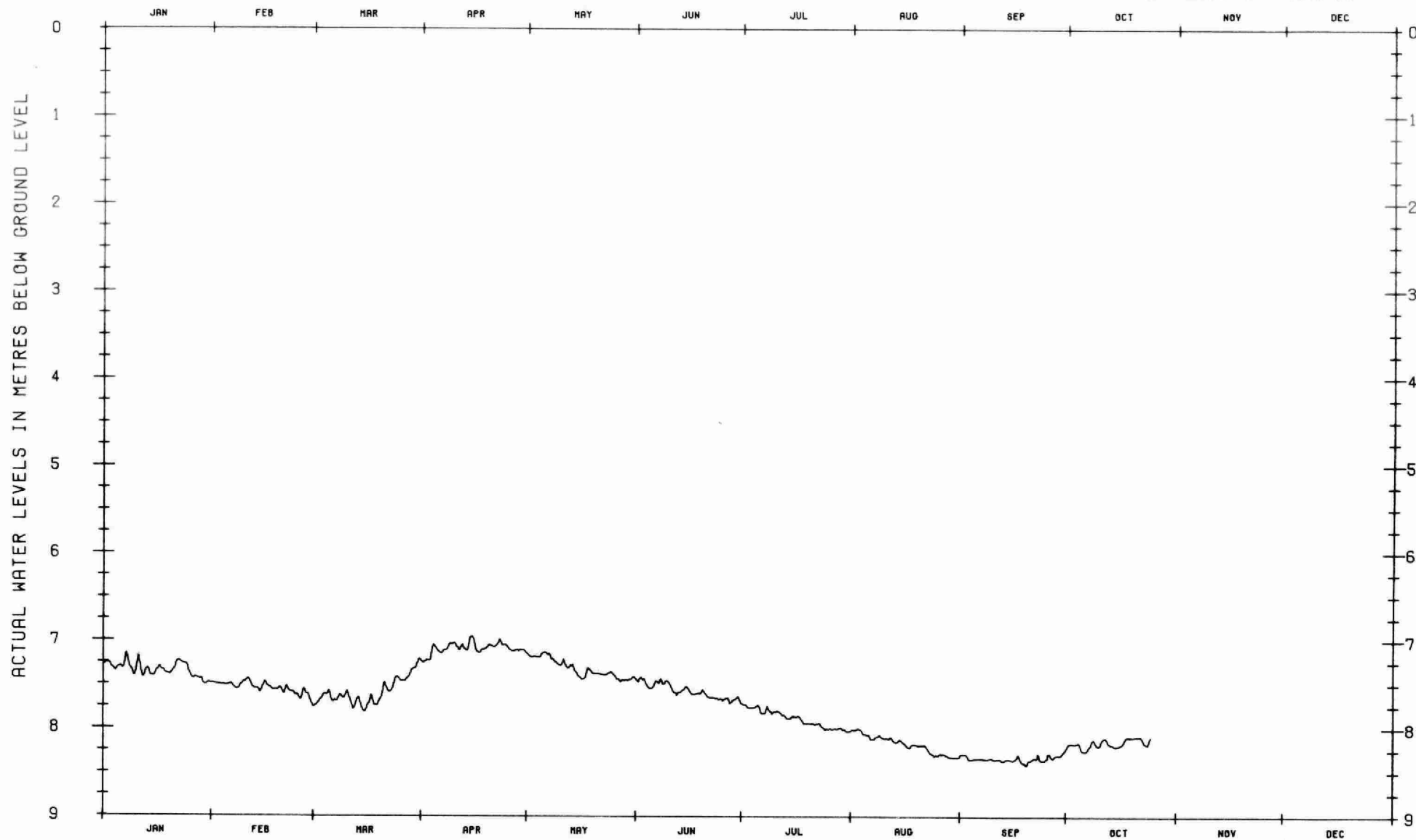
OBSERVATION WELL 222
TOWNSHIP OF S. COLCHESTER



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 351
TOWNSHIP OF MORRIS

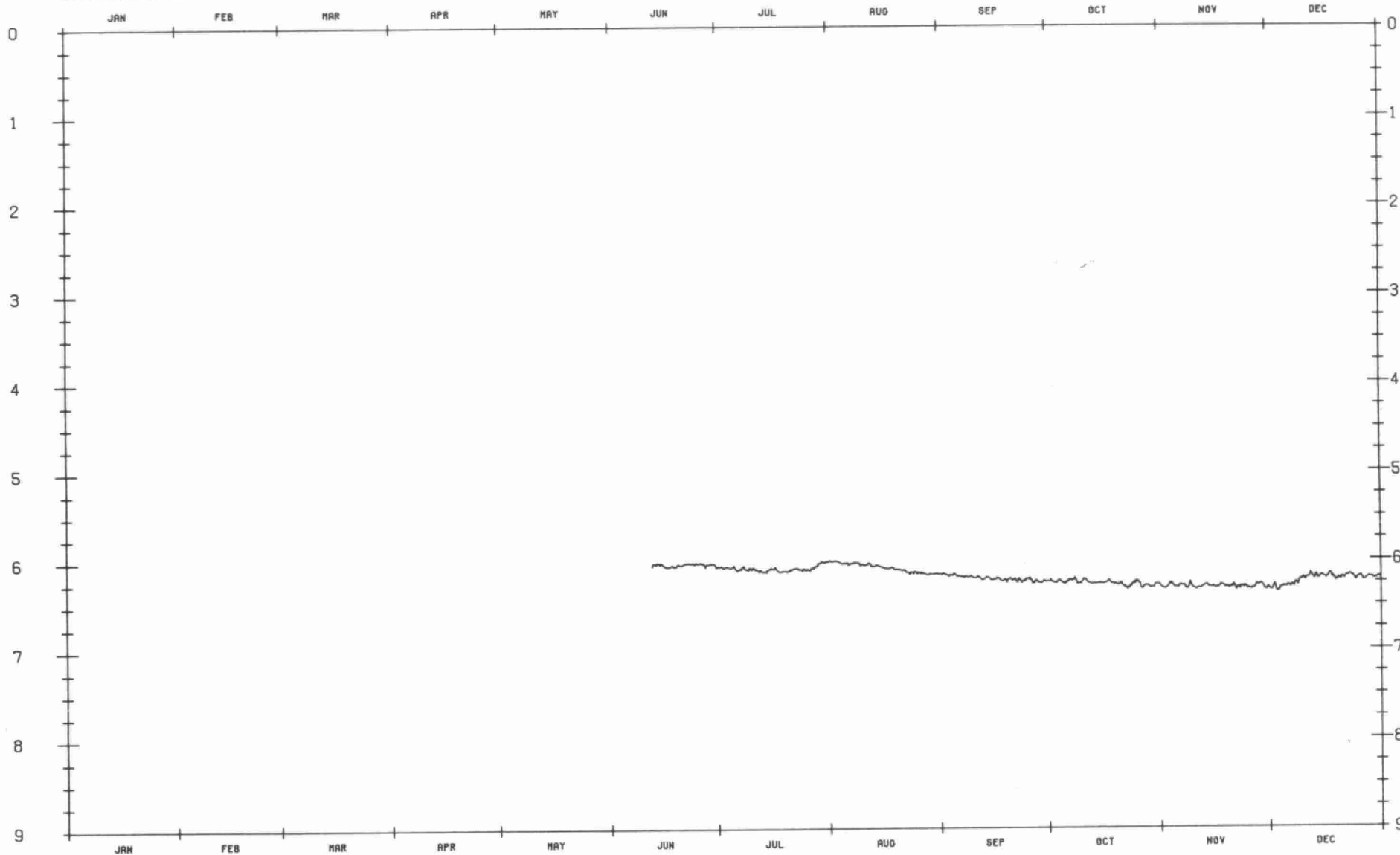


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 194
TOWNSHIP OF SULLIVAN

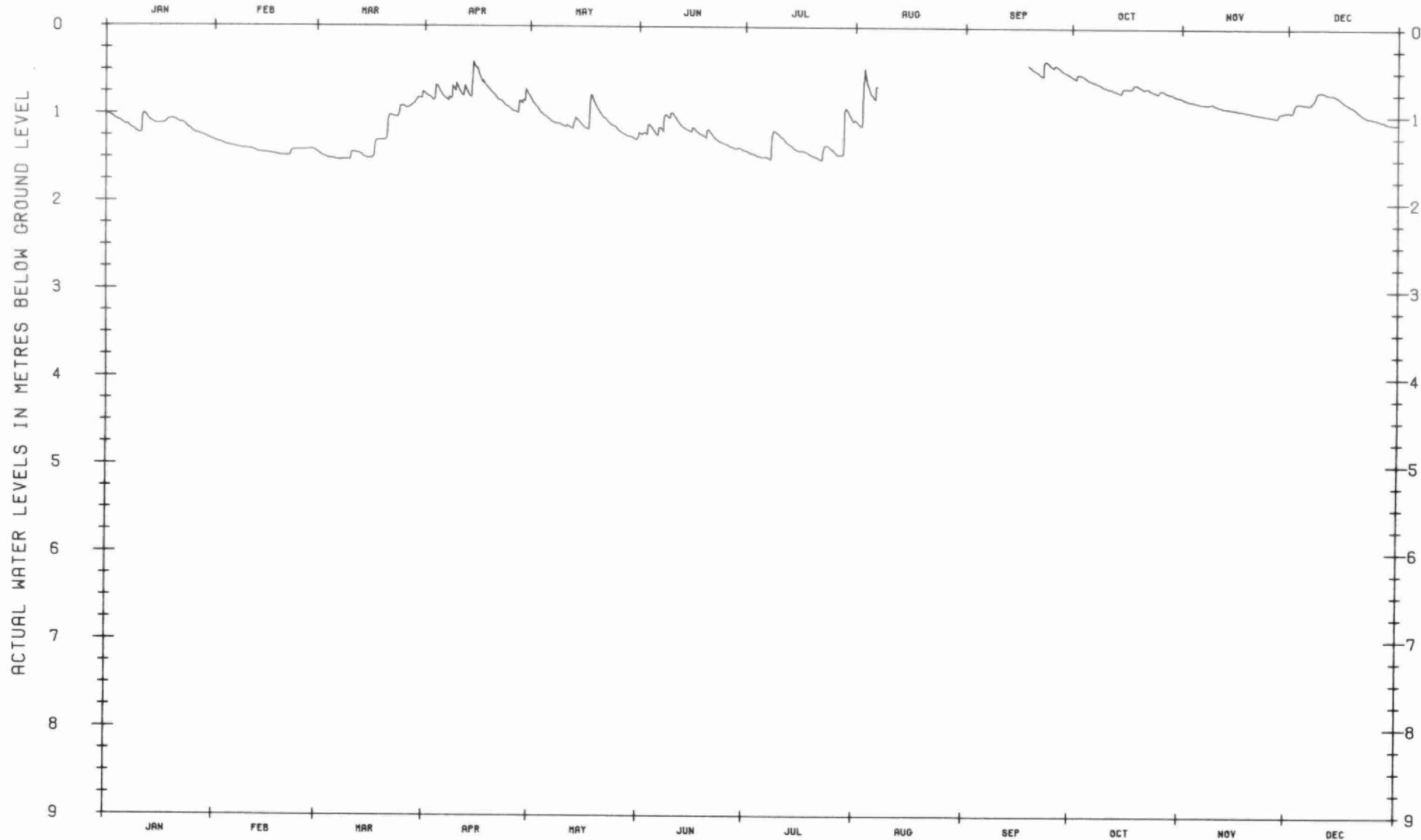
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 172
TOWN OF BOTHWELL



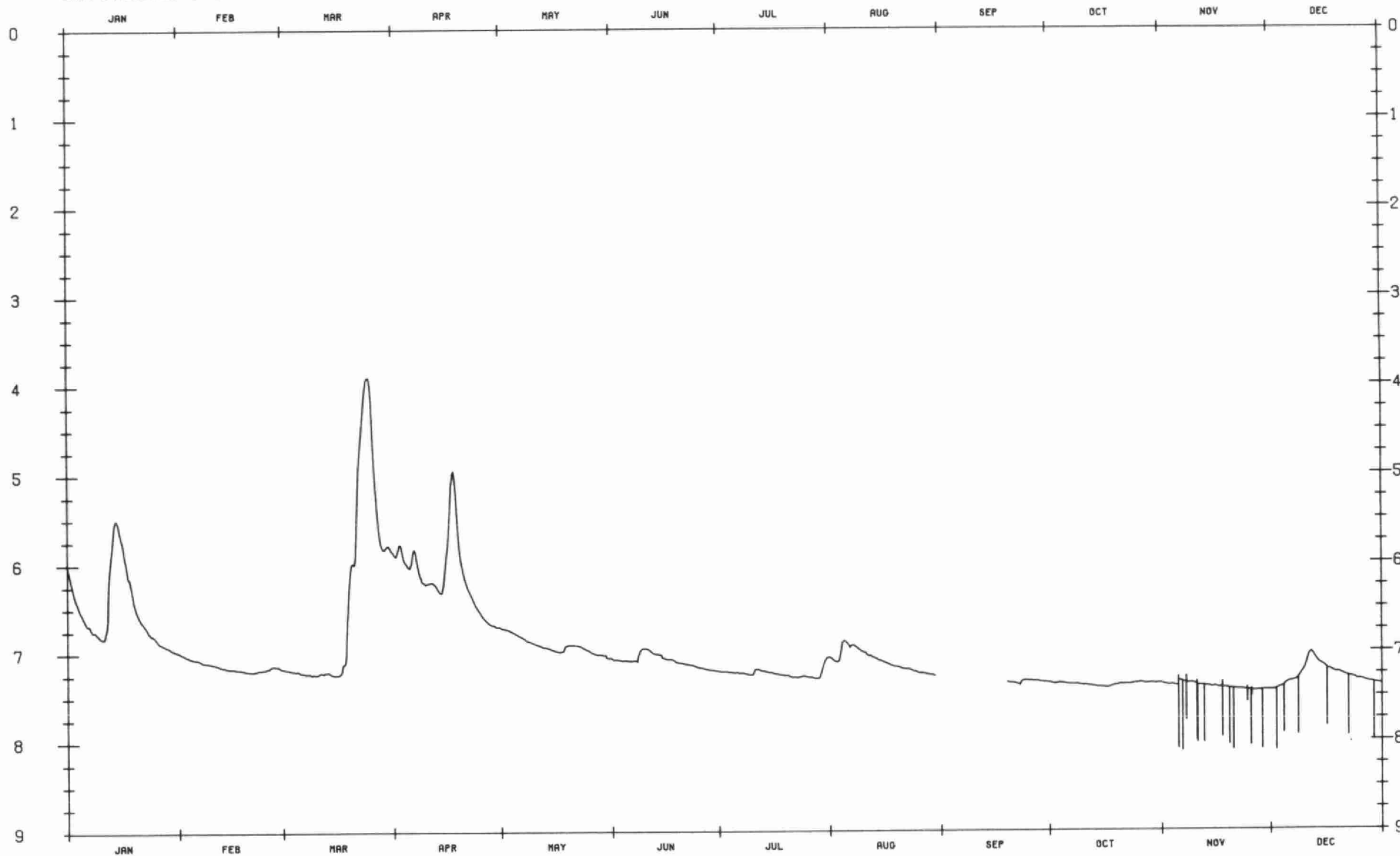
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 371
TOWNSHIP OF HOWARD

ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

19

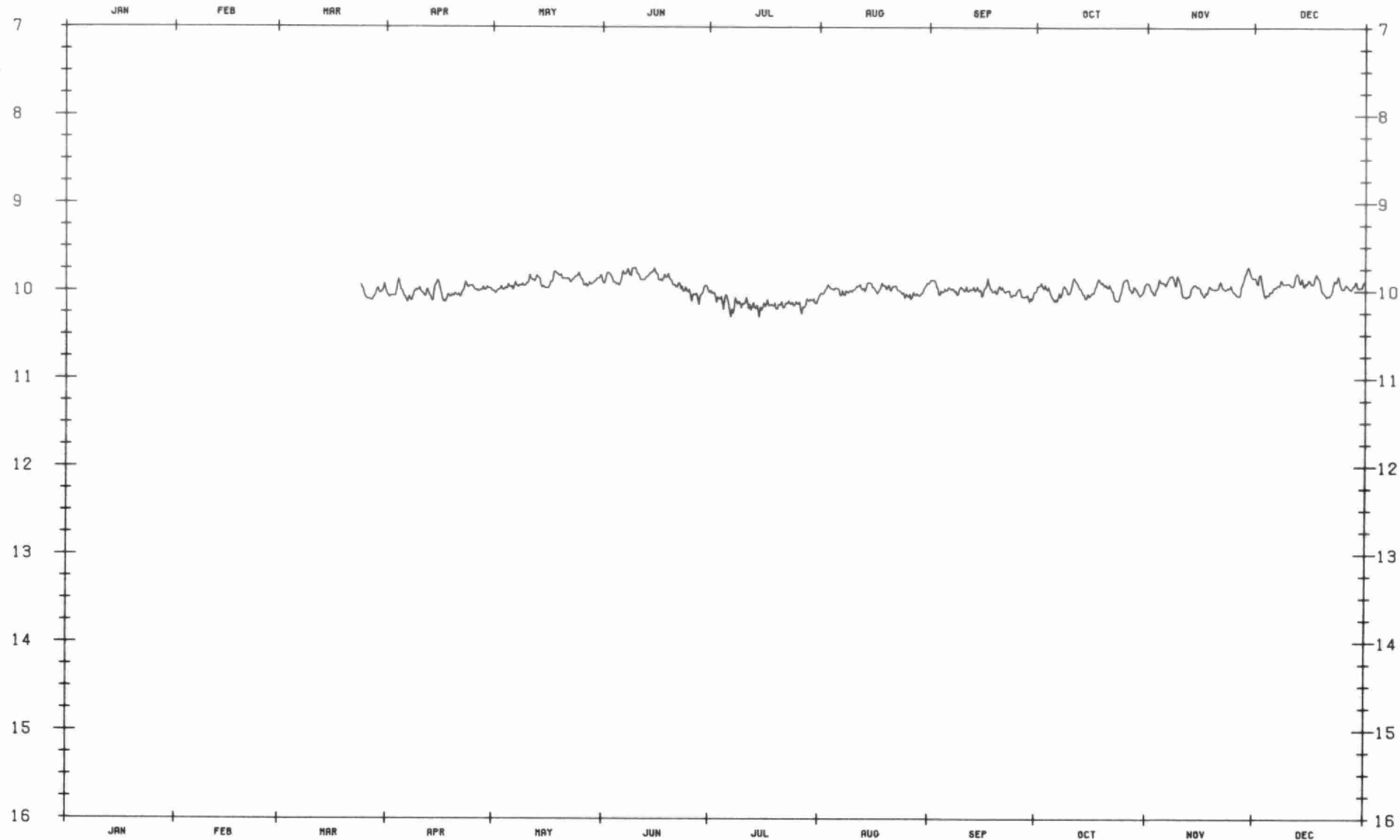


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 207
VILLAGE OF ALVINSTON

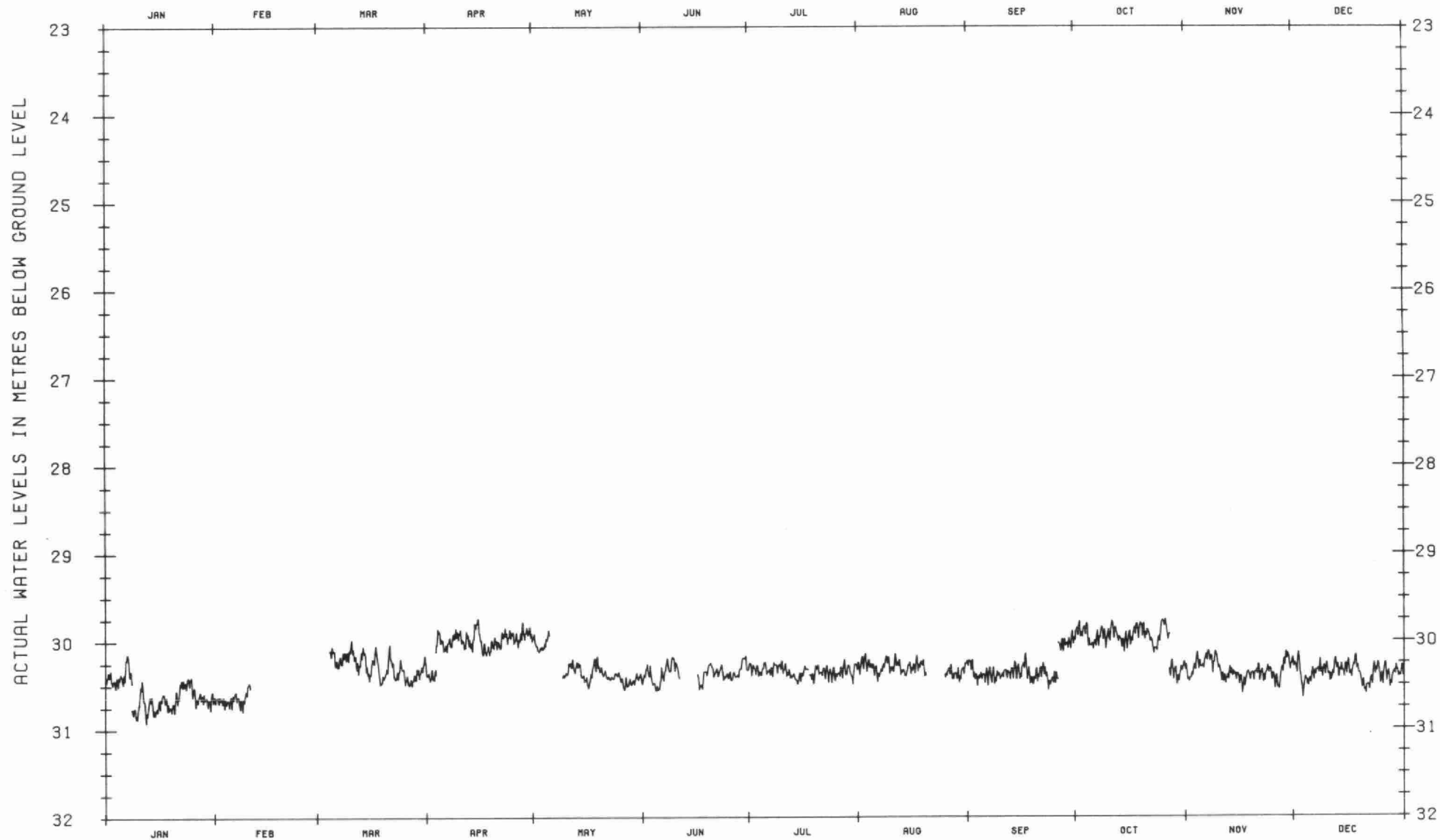
20
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL



ENVIRONMENT ONTARIO

1980

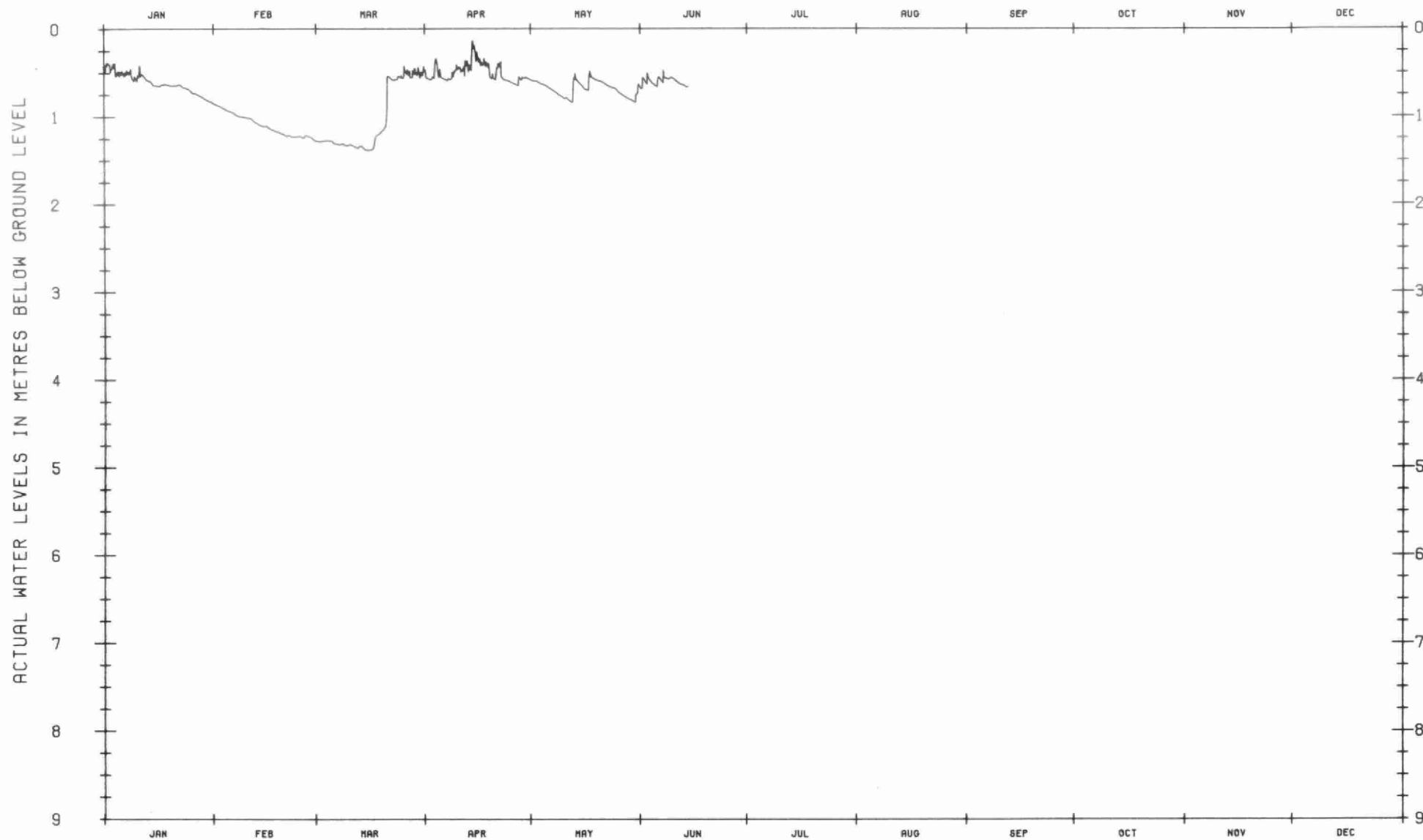
OBSERVATION WELL 056
TOWN OF FOREST



ENVIRONMENT ONTARIO

1980

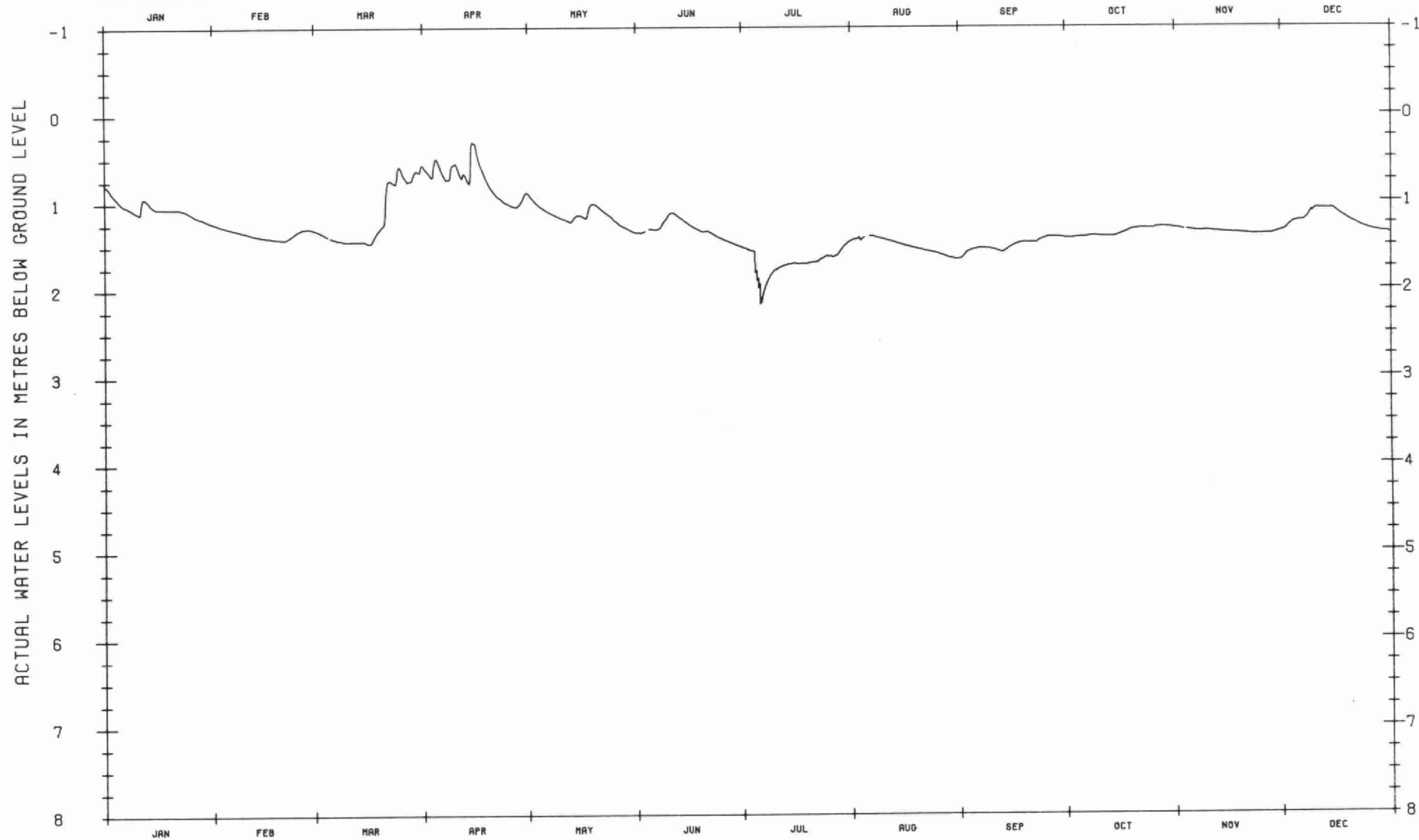
OBSERVATION WELL 549
TOWNSHIP OF ENNISKILLEN



ENVIRONMENT ONTARIO

1980

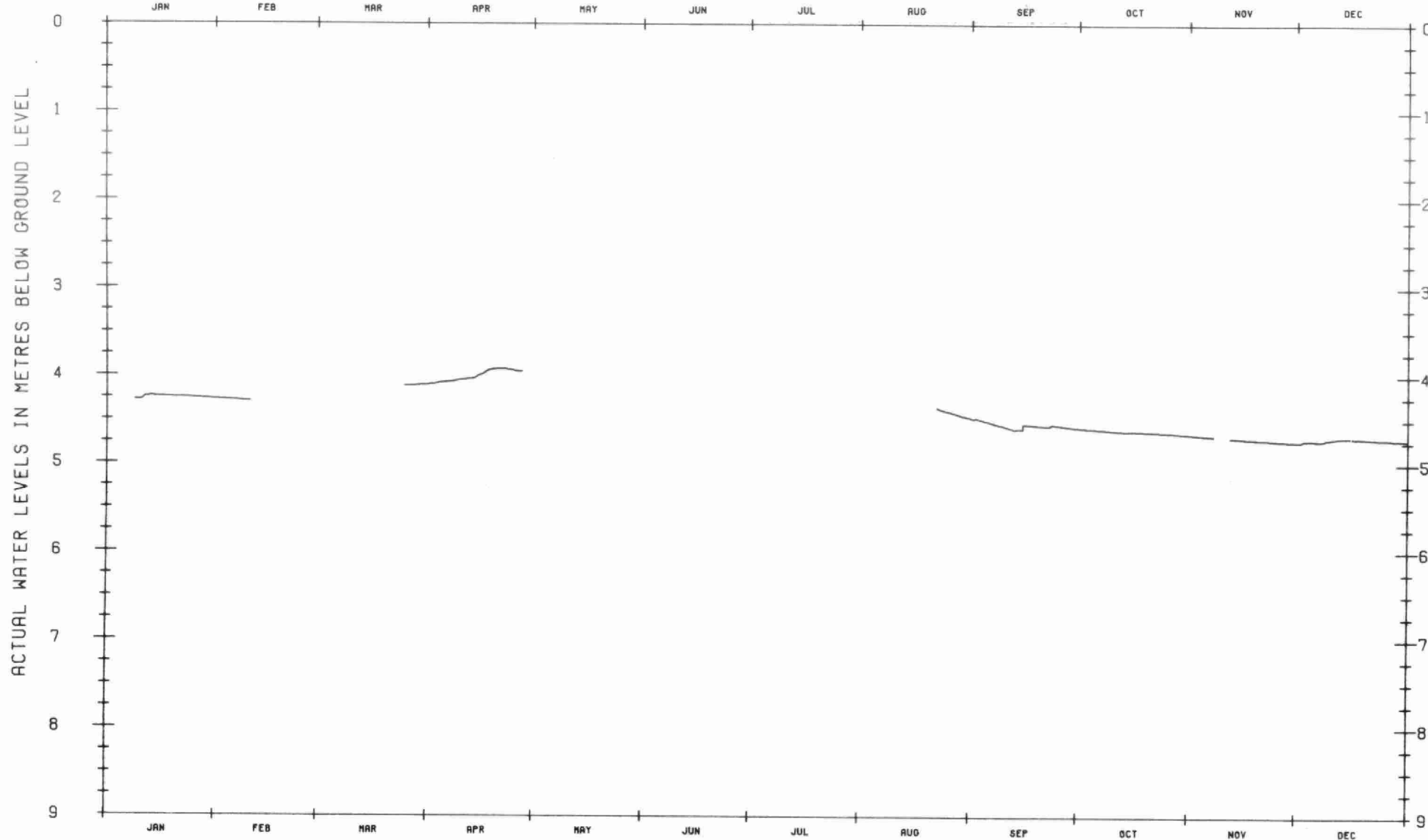
OBSERVATION WELL 206
TOWNSHIP OF CARADOC

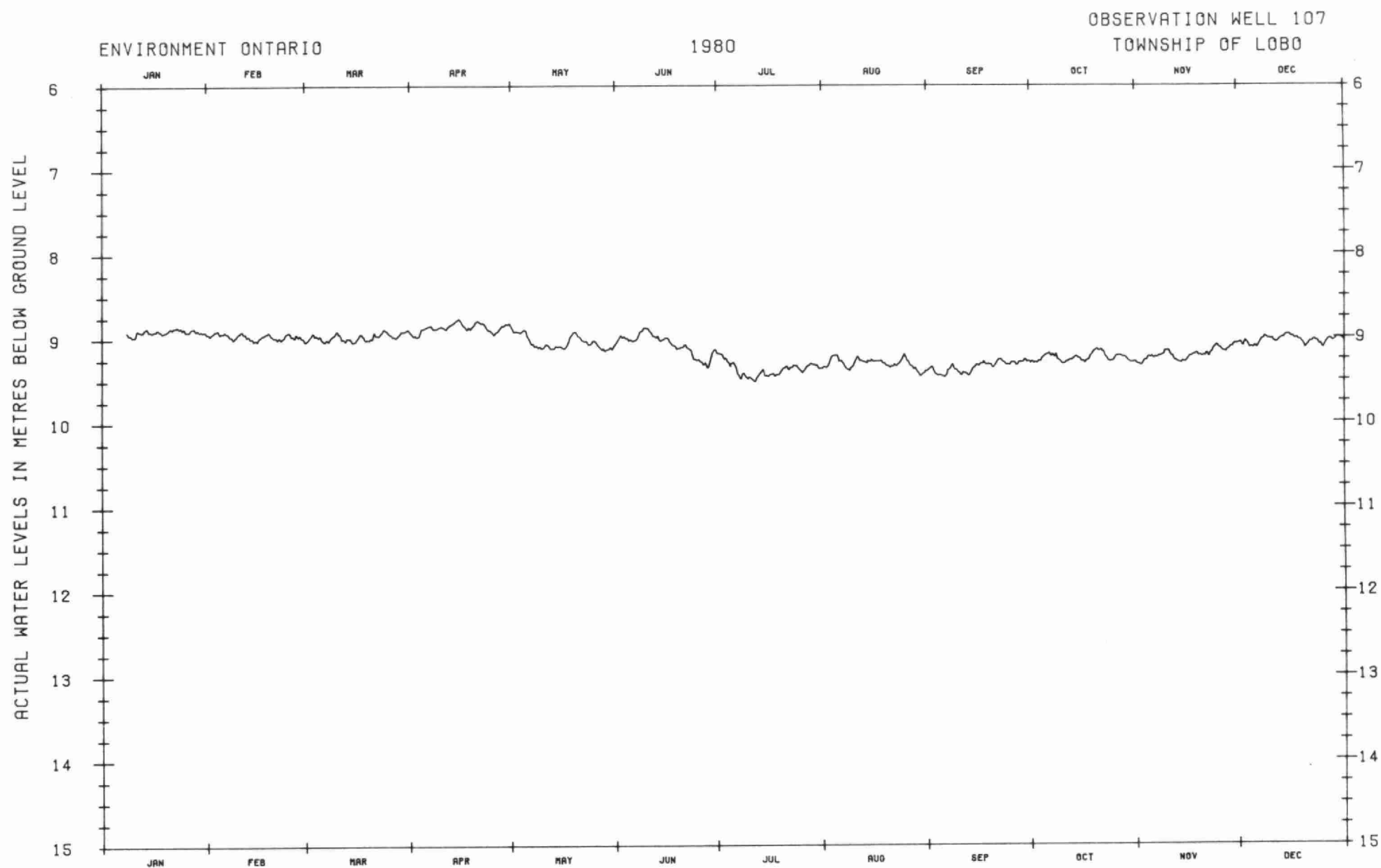


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 100
TOWNSHIP OF LOBO

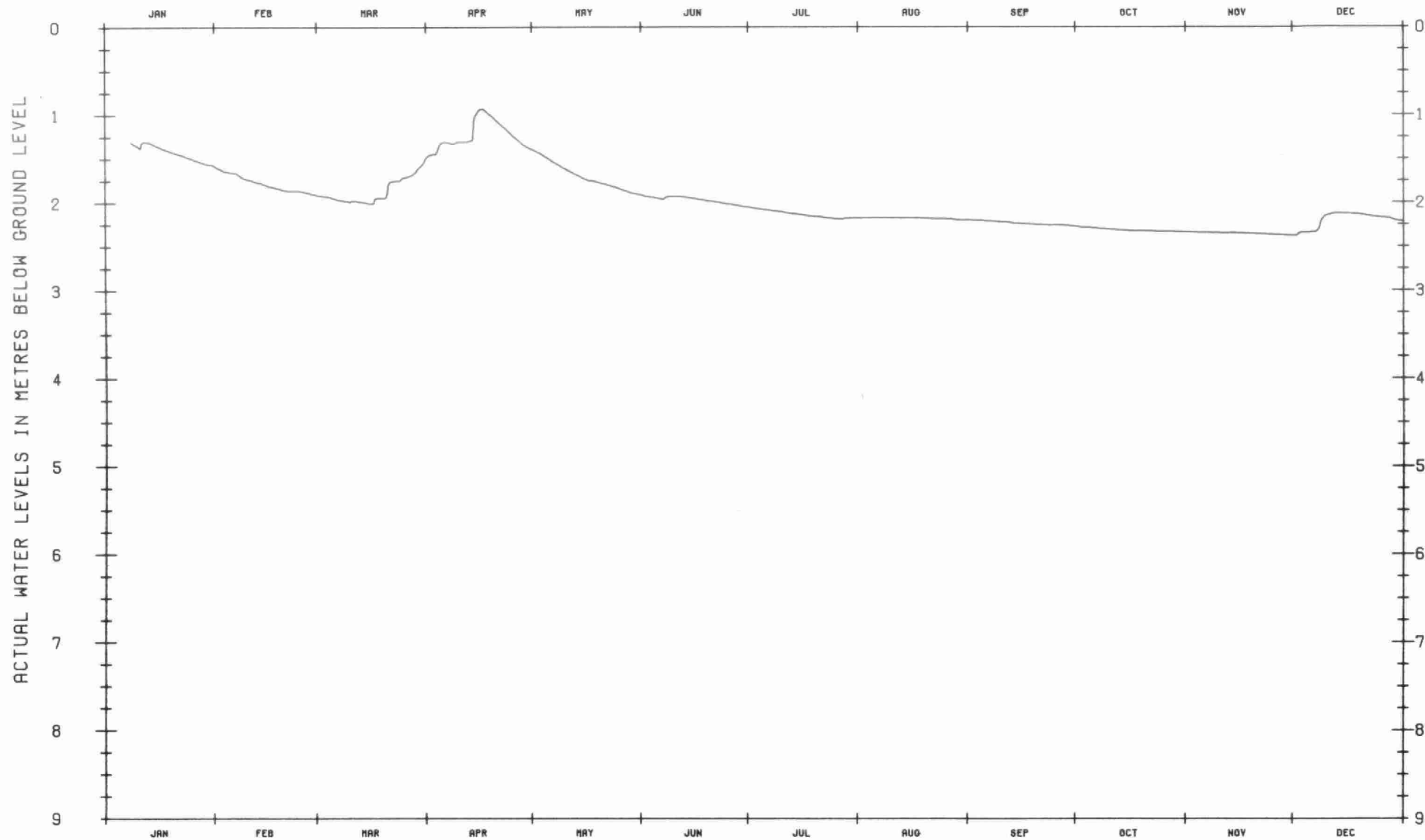




ENVIRONMENT ONTARIO

1980

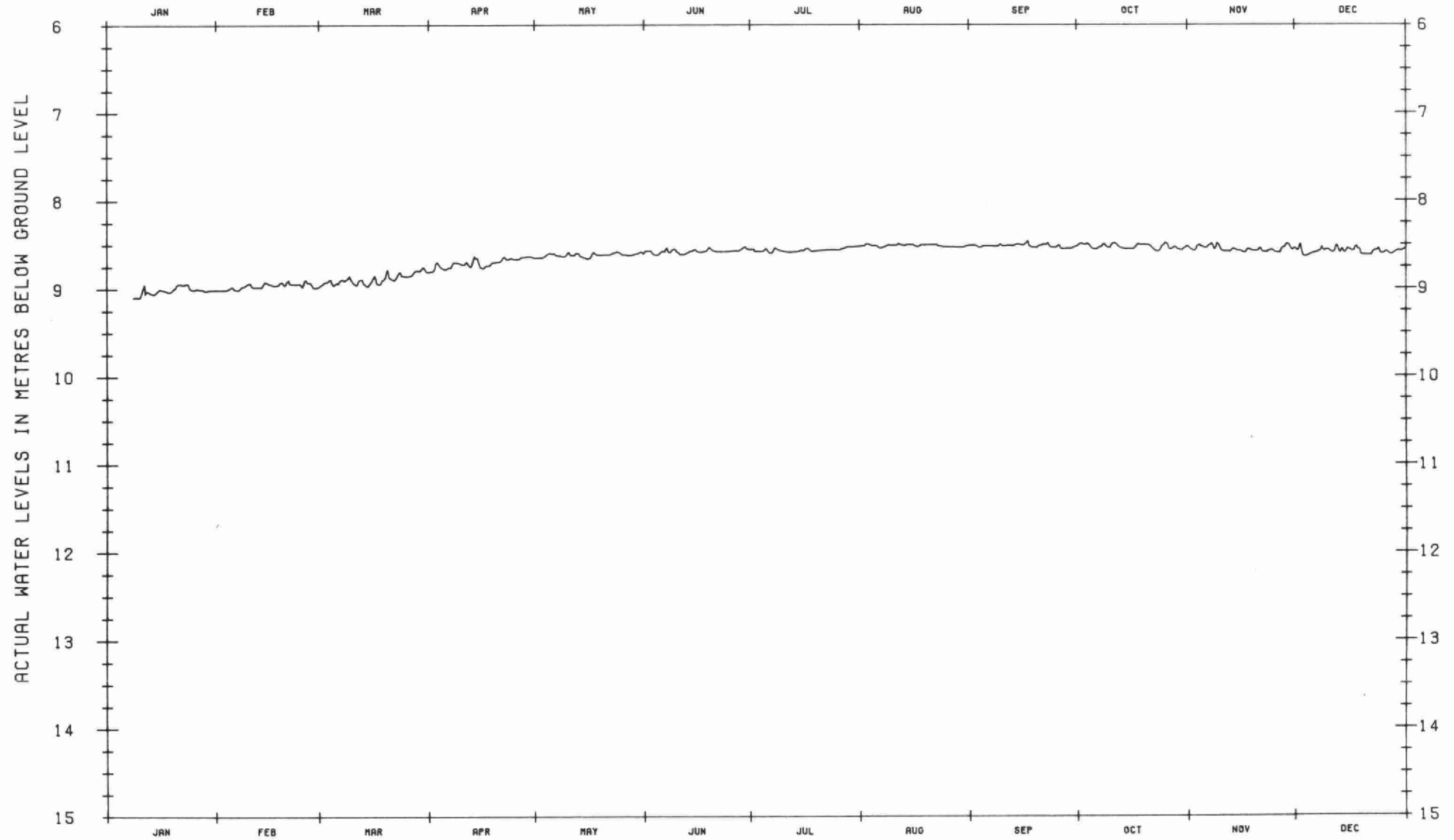
OBSERVATION WELL 071
TOWNSHIP OF WESTMINSTER



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 513
TOWNSHIP OF WESTMINSTER

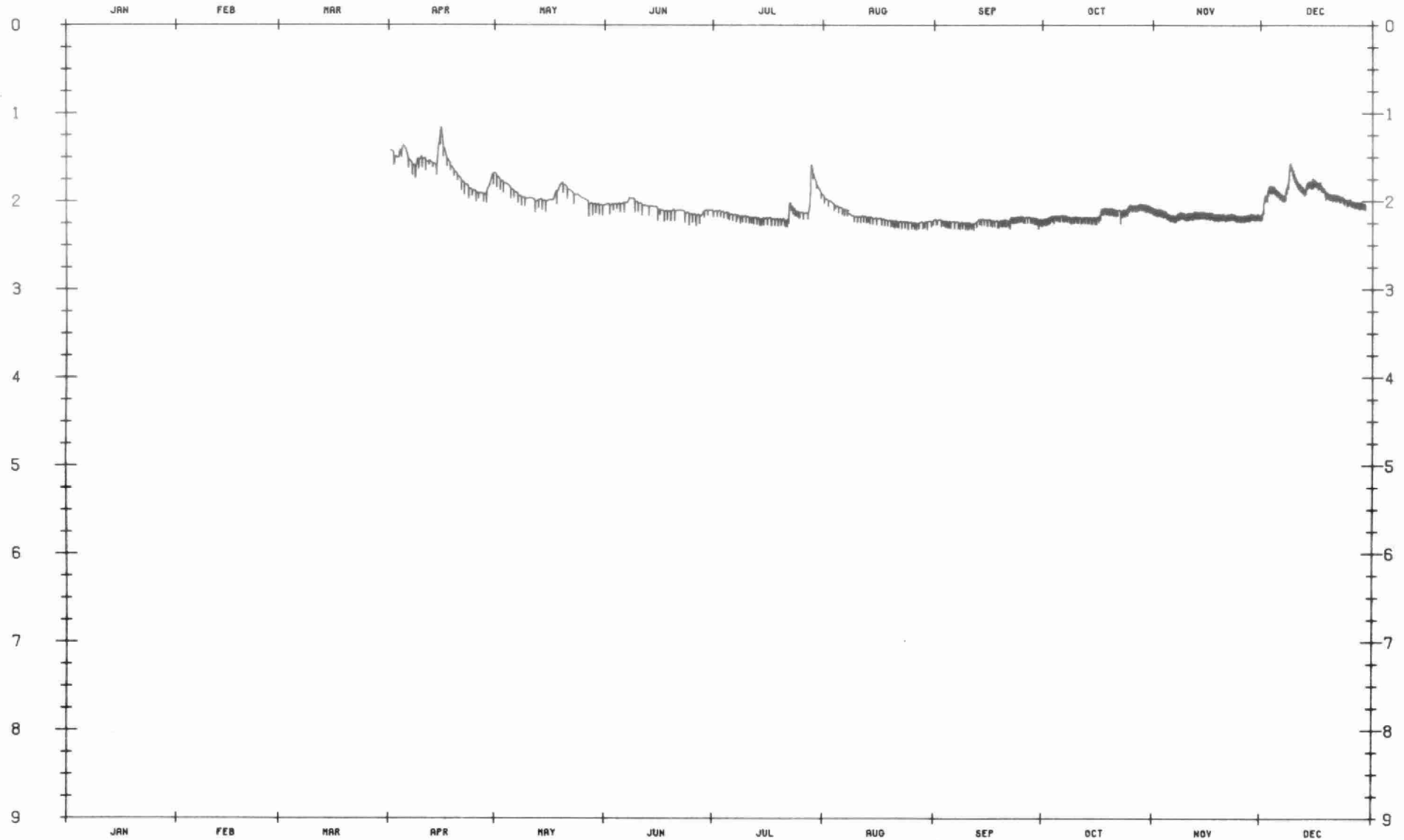


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 542
TOWNSHIP OF BLENHEIM

ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

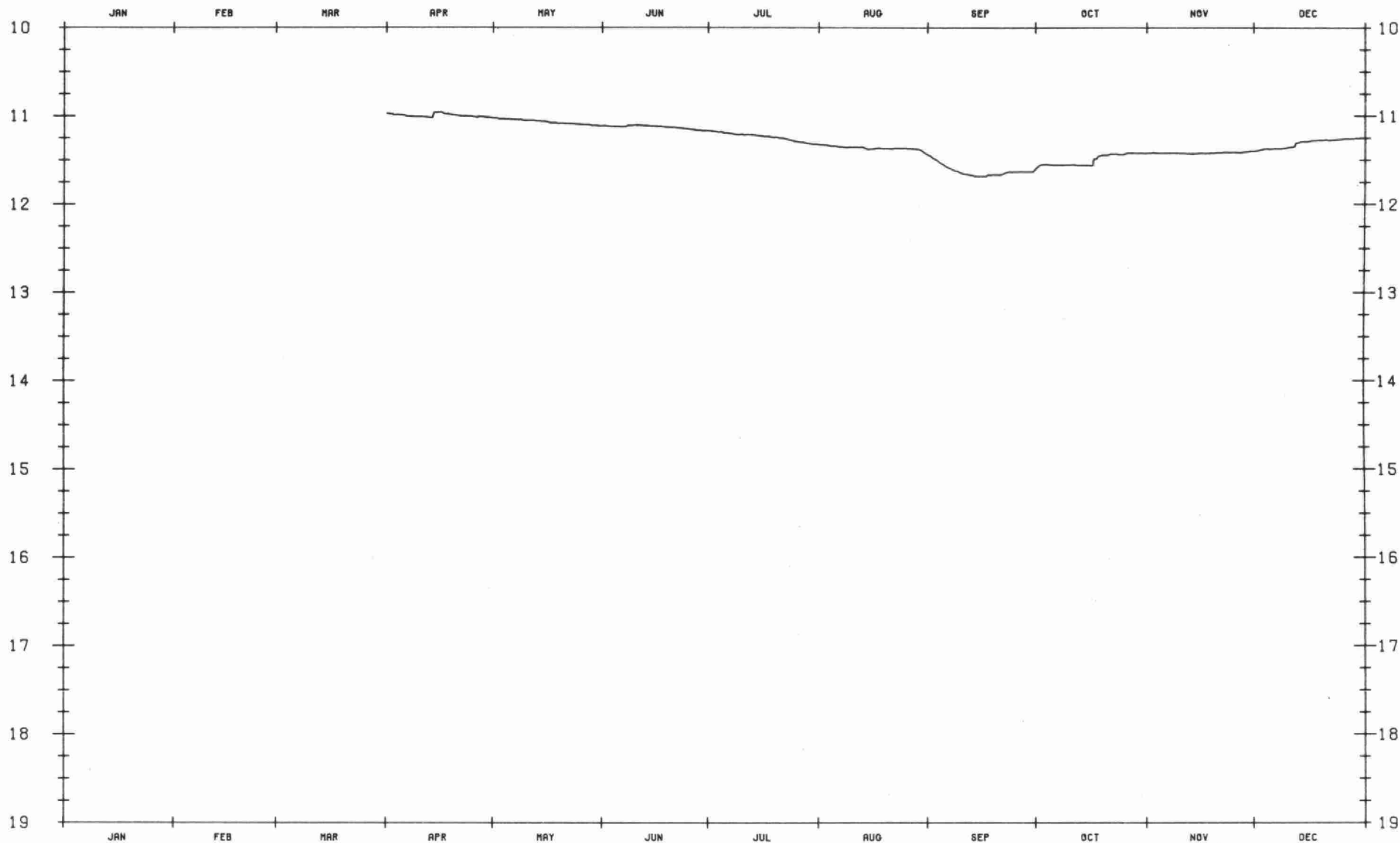


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 177
TOWNSHIP OF SOUTH NORWICH

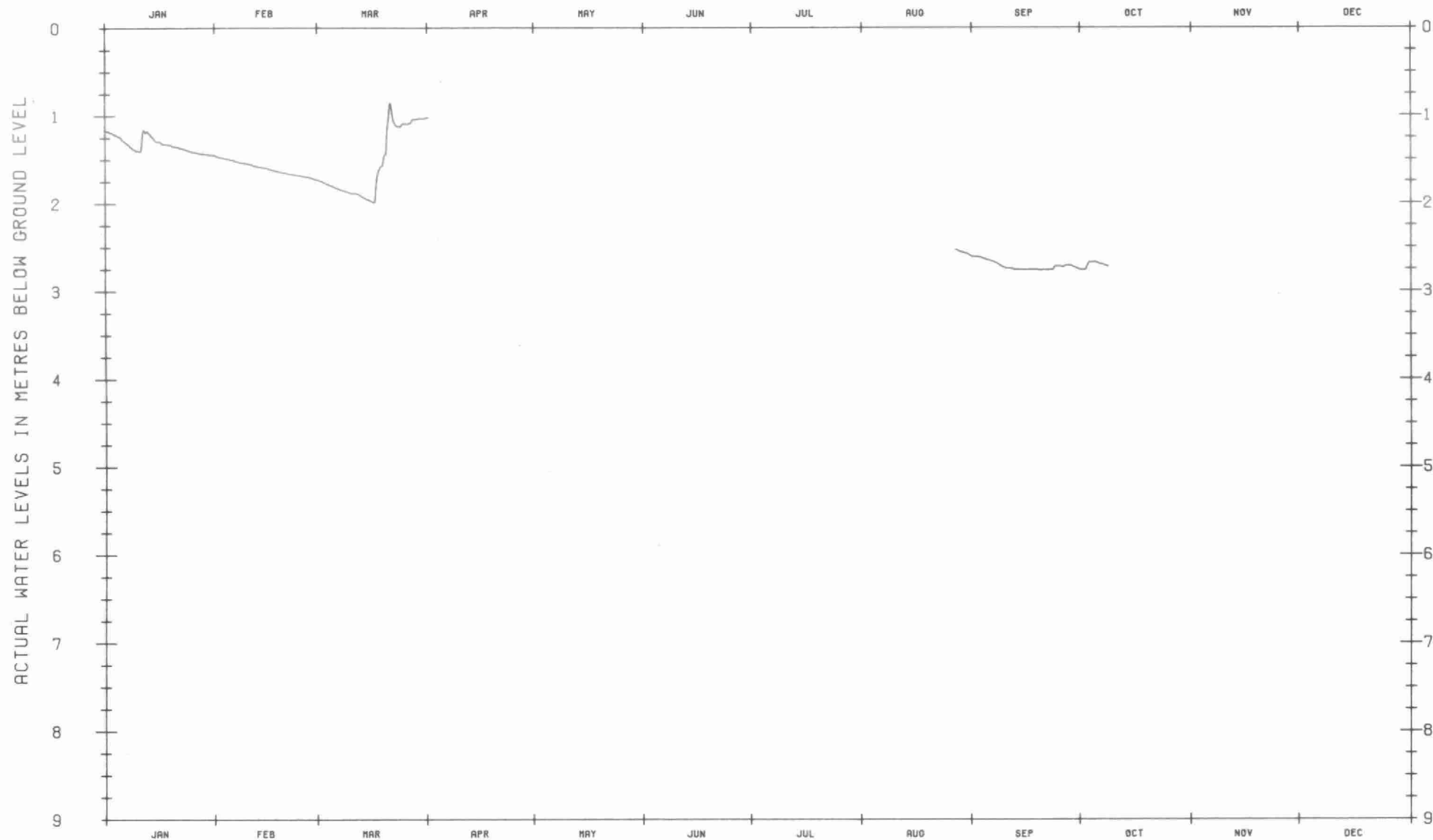
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

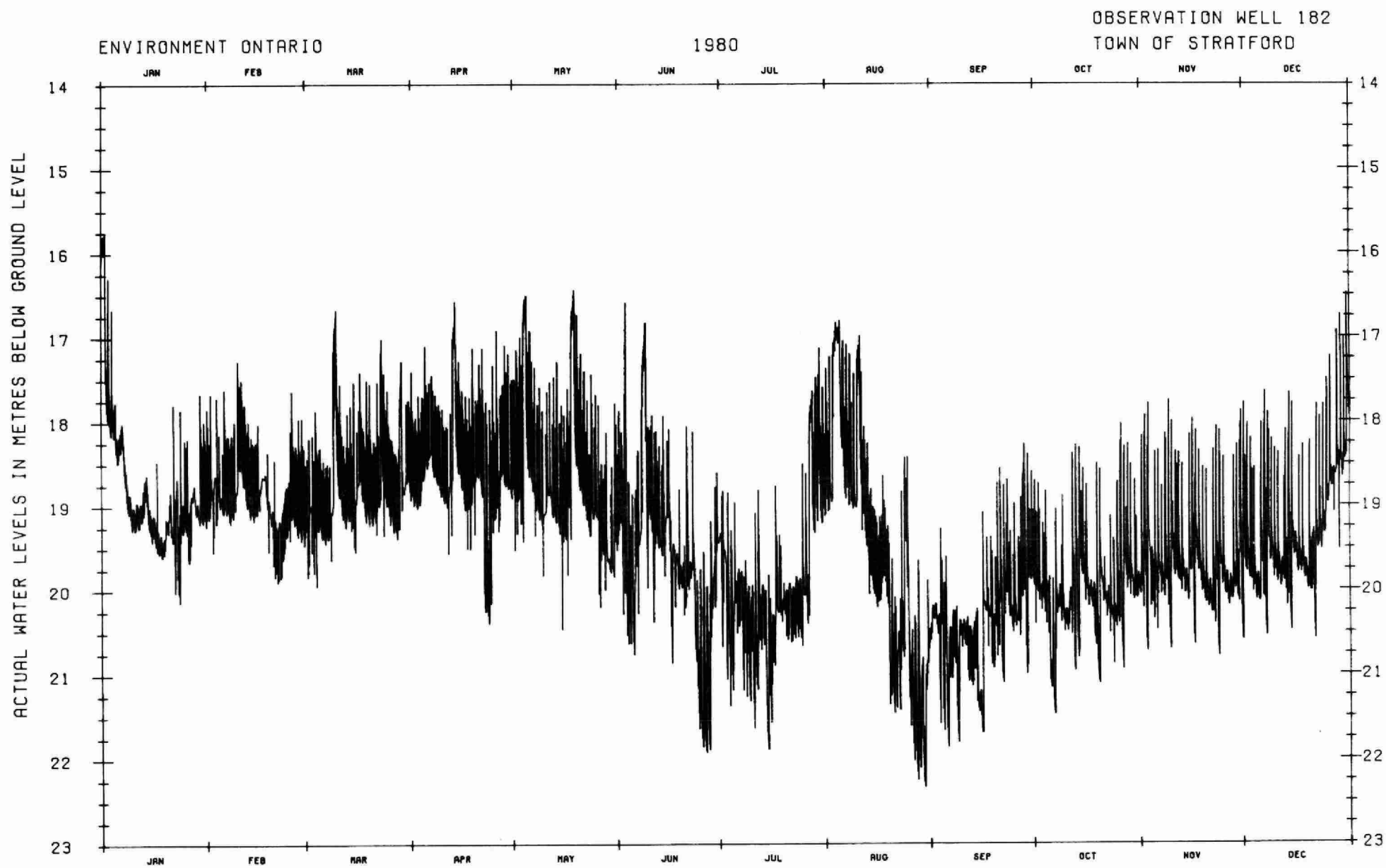


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 045
TOWNSHIP OF BLANSHARD







②

Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE

HAMILTON

119 King St. W.
P.O. BOX 2112
811-521-7640

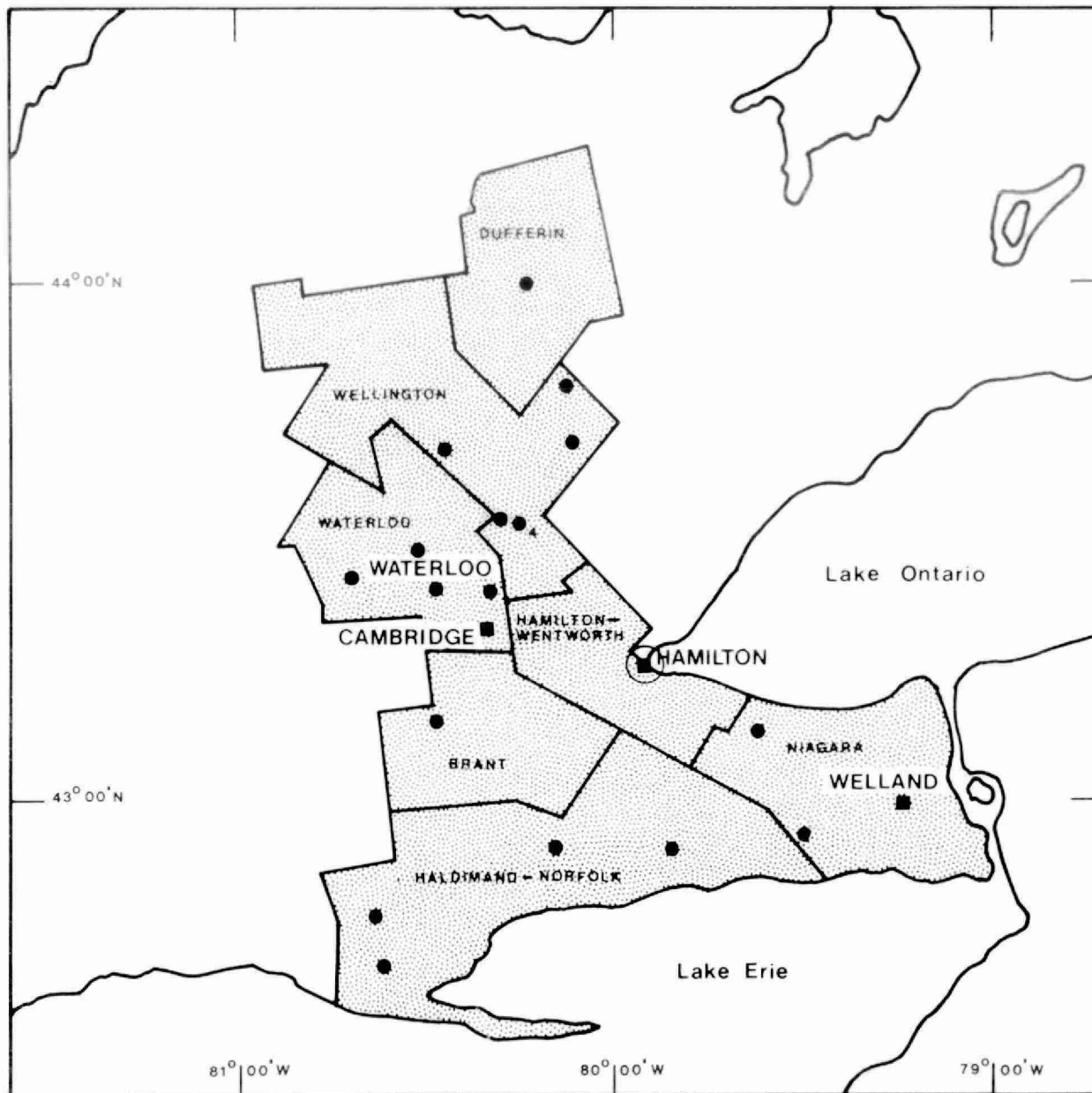
DISTRICT OFFICES

Welland

637-641 Niagara St. N.
416-735-0431

Cambridge

400 Clyde Road
P.O. Box 219
519-623-2080



LEGEND

Regional Office



District Office



Recording Observation Well

Number of Recording Wells
in same location

Manually Measured Well

Number of Manually Measured Wells
in same location

OBSERVATION WELL DISTRIBUTION

ENVIRONMENT ONTARIO
TORONTO
BRANT COUNTY

OBSERVATION WELL 129

TOWNSHIP OF BRANTFORD

CONC. 1

LOT 2

WELL REC #: 1301R23
UTM CO-ORD: 7-17 E546800 N 4779250
LAT & LONG: 43-10N04W 80-25 W51T

REC METHOD: A-35 RECORDER
REC COMMO: JAN. 20 1965
MEASURED BY: 250.5 METRES ABOVE GROUND SURFACE
GND ELEV: 254 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: GREY GRAVEL WITH COARSE SAND AND CURBLES 9.8.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.74	6.80	6.96	6.72	6.53	6.66	6.86	6.97	7.16	7.31	7.39	7.46	1
2	6.73	6.80	6.96	6.71	6.53	6.69	6.86	6.97	7.17	7.31	7.39		2
3	6.73	6.81	6.96	6.70	6.52	6.69	6.87	6.97	7.17	7.31	7.39		3
4	6.72	6.81	6.97	6.69	6.52	6.71	6.87	6.98	7.18	7.32	7.39		4
5	6.73	6.82	6.98	6.68	6.52	6.71	6.88	6.99	7.18	7.33	7.40		5
6	6.72	6.83	6.98	6.67	6.52	6.72	6.89	6.99	7.19	7.33	7.40		6
7	6.74	6.84	6.99	6.67	6.53	6.72	6.89	7.00	7.20	7.33	7.40		7
8	6.75	6.84	6.99	6.66	6.54	6.73	6.90	7.01	7.21	7.34	7.40		8
9	6.75	6.85	7.00	6.65	6.55	6.73	6.90	7.02	7.21	7.34	7.41		9
10	6.74	6.85	7.00	6.65	6.55	6.73	6.91	7.02	7.21	7.34	7.41		10
11	6.71	6.86	7.01	6.64	6.56	6.74	6.92	7.03	7.22	7.34	7.41		11
12	6.70	6.87	7.01	6.64	6.57	6.74	6.93	7.04	7.22	7.35	7.41		12
13	6.70	6.88	7.01	6.64	6.57	6.75	6.93	7.04	7.23	7.36	7.42		13
14	6.70	6.89	7.02	6.63	6.58	6.76	6.94	7.05	7.23	7.36	7.42		14
15	6.70	6.89	7.03	6.62	6.59	6.76	6.95	7.05	7.24	7.36	7.42		15
16	6.70	6.90	7.03	6.61	6.60	6.77	6.95	7.06	7.24	7.37	7.43		16
17	6.70	6.91	7.02	6.59	6.60	6.78	6.96	7.07	7.24	7.37	7.43		17
18	6.71	6.92	6.97	6.57	6.60	6.78	6.97	7.07	7.25	7.37	7.43		18
19	6.71	6.93	6.94	6.55	6.60	6.79	6.98	7.07	7.25	7.37	7.43		19
20	6.72	6.93	6.91	6.53	6.61	6.79	6.98	7.08	7.26	7.37	7.44		20
21	6.71	6.93	6.84	6.52	6.61	6.80	6.99	7.09	7.26	7.37	7.44		21
22	6.72	6.94	6.78	6.51	6.62	6.81	7.00	7.10	7.26	7.37	7.44		22
23	6.73	6.93	6.77	6.50	6.62	6.82	7.01	7.11	7.27	7.38	7.45		23
24	6.74	6.92	6.76	6.50	6.62	6.83	7.01	7.11	7.27	7.38	7.45		24
25	6.75	6.92	6.75	6.50	6.63	6.83	7.02	7.12	7.28	7.38	7.45		25
26	6.76	6.92	6.75	6.51	6.64	6.84	7.03	7.12	7.28	7.38	7.45		26
27	6.76	6.93	6.74	6.51	6.64	6.85	7.03	7.13	7.29	7.38	7.45		27
28	6.77	6.94	6.74	6.52	6.65	6.85	7.03	7.14	7.29	7.38	7.45		28
29	6.78	6.95	6.74	6.52	6.66	6.85	7.00	7.14	7.30	7.38	7.45		29
30	6.78		6.74	6.52	6.66	6.85	6.98	7.15	7.31	7.39	7.46		30
31	6.79		6.73		6.67		6.97	7.16		7.39			31
-MONTHLY SUMMARY-													
MEAN	6.73	6.88	6.91	6.60	6.59	6.77	6.95	7.06	7.24	7.36	7.42	MEAN	
INST	6.70	6.79	6.72	6.50	6.52	6.67	6.85	6.97	7.16	7.31	7.39	INST	
MAX	(15)	(1)	(31)	(24)	(5)	(1)	(1)	(2)	(1)	(1)	(1)	MAX	
INST	6.79	6.96	7.03	6.72	6.68	6.86	7.04	7.16	7.31	7.39	7.46	INST	
MIN	(31)	(29)	(16)	(1)	(31)	(28)	(28)	(31)	(30)	(31)	(30)	MIN	

ENVIRONMENT ONTARIO
TORONTO
DUFFERIN COUNTY

OBSERVATION WELL 046

TOWNSHIP OF LUTHER

CONC. 4

LOT 29

WELL REC #: 1701297
UTM CO-ORD: 7-17 E553920 N4862120
LAT & LONG: 43-55N04W 80-20W51T

REC METHOD: A-35 RECORDER
REC COMMO: NOV. 27 1953
MEASURED BY: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 473 METRES ABOVE SEA LEVEL
WELL TYPE: DUG+ DRIED
WELL LOG: GRAVELLY+ STONY CLAY 6.11 GRAVEL SAND AND CLAY 10.7.

DIAMETER OF WELL: 122 CM, 5 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 10.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SAND AND CLAY
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.78	0.73	1.25	0.77	0.18	0.72	1.25	1.60	1.98	2.27	2.08	1.80	1
2	0.78	0.75	1.26	0.72	0.19	0.73	1.27	1.61	1.98	2.28	2.08	1.75	2
3	0.77	0.77	1.26	0.70	0.20	0.76	1.28	1.63	2.00	2.27	2.08	1.57	3
4	0.75	0.78	1.27	0.61	0.21	0.79	1.29	1.64	2.02	2.27	2.07	1.52	4
5	0.73	0.80	1.29	0.57	0.21	0.81	1.31	1.66	2.02	2.28	2.06	1.49	5
6	0.72	0.81	1.31	0.56	0.22	0.81	1.32	1.67	2.04	2.29	2.05	1.47	6
7	0.70	0.84	1.33	0.54	0.24	0.82	1.34	1.69	2.05	2.28	2.04	1.46	7
8	0.72	0.86	1.33	0.50	0.26	0.84	1.34	1.70	2.06	2.28	2.03	1.40	8
9	0.73	0.87	1.35	0.43	0.29	0.86	1.36	1.71	2.07	2.29	2.00	1.24	9
10	0.73	0.88	1.35	0.38	0.31	0.88	1.37	1.72	2.07	2.29	1.95	1.22	10
11	0.64	0.89	1.38	0.36	0.32	0.91	1.39	1.73	2.09	2.30	1.91	1.21	11
12	0.60	0.92	1.41	0.32	0.36	0.94	1.41	1.74	2.10	2.31	1.89	1.18	12
13	0.61	0.95	1.41	0.29	0.37	0.95	1.42	1.76	2.11	2.32	1.87	1.18	13
14	0.60	0.97	1.42	0.26	0.39	0.96	1.44	1.77	2.12	2.32	1.86	1.16	14
15	0.61	0.98	1.44	0.18	0.43	0.97	1.44	1.78	2.13	2.33	1.84	1.16	15
16	0.61	0.98	1.46	0.17	0.46	1.00	1.45	1.79	2.14	2.33	1.83	1.15	16
17	0.59	1.00	1.44	0.16	0.47	1.02	1.43	1.81	2.15	2.33	1.81	1.15	17
18	0.59	1.03	1.38	0.16	0.46	1.03	1.46	1.82	2.17	2.31	1.78	1.13	18
19	0.60	1.05	1.36	0.16	0.49	1.05	1.47	1.83	2.17	2.29	1.78	1.13	19
20	0.60	1.06	1.31	0.16	0.51	1.06	1.48	1.85	2.18	2.28	1.78	1.14	20
21	0.59	1.09	1.12	0.16	0.52	1.09	1.50	1.86	2.19	2.27	1.78	1.14	21
22	0.58	1.09	1.12	0.16	0.54	1.11	1.51	1.87	2.20	2.26	1.79	1.14	22
23	0.59	1.12	1.13	0.16	0.55	1.13	1.52	1.88	2.21	2.24	1.79	1.14	23
24	0.59	1.13	1.13	0.16	0.56	1.14	1.54	1.90	2.21	2.23	1.79	1.13	24
25	0.61	1.15	1.12	0.16	0.58	1.16	1.55	1.91	2.22	2.20	1.80	1.15	25
26	0.64	1.17	1.12	0.17	0.61	1.17	1.56	1.92	2.22	2.17	1.81	1.17	26
27	0.65	1.17	1.04	0.18	0.63	1.19	1.57	1.93	2.24	2.14	1.80	1.17	27
28	0.66	1.20	0.94	0.18	0.65	1.21	1.57	1.94	2.25	2.12	1.79	1.17	28
29	0.68	1.23	0.87	0.17	0.67	1.21	1.56	1.95	2.26	2.11	1.79	1.17	29
30	0.71		0.82	0.17	0.68	1.22	1.57	1.96	2.27	2.10	1.80	1.18	30
31	0.72		0.78		0.70		1.59	1.97		2.09		1.18	31
-MONTHLY SUMMARY-													
MEAN	0.66	0.97	1.23	0.32	0.43	0.98	1.44	1.79	2.13	2.25	1.89	1.27	MEAN
INST	0.55	0.72	0.78	0.16	0.18	0.71	1.24	1.60	1.97	2.08	1.78	1.12	INST
MAX	(11)	(1)	(31)	(18)	(1)	(1)	(1)	(1)	(2)	(31)	(21)	(24)	MAX
INST	0.78	1.25	1.46	0.78	0.71	1.24	1.60	1.98	2.27	2.33	2.08	1.80	INST
MIN	(1)	(29)	(16)	(1)	(31)	(30)	(31)	(31)	(30)	(16)	(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 413

TOWNSHIP OF MIDDLETON

STR 4

LOT 23

WELL REC #: 4400966
UTM CO-ORDS: 7-17 E533400 N4738050
LAT & LONG: 42-48N04W 80-364E5T

REC METHOD: A35 RECORDER
REC COMMCD: FEB 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 232 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK LOAM 0.6% MEDIUM SAND 0.1% OUTCROSSAND 10.7% BLUE CLAY 11.

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SAND AND CLAY
QUALITY: 1 FRESH

1980

DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		0.96	1.23	0.34							2.05	2.16	1
2		0.99	1.25	0.34							2.07	2.06	2
3		1.02	1.26	0.34							2.08	1.92	3
4		1.04	1.28	0.30						2.41	2.06	1.87	4
5		1.06	1.29	0.28						2.41	2.09	1.86	5
6		1.08	1.31	0.28						2.42	2.09	1.86	6
7		1.10	1.31	0.28						2.42	2.10	1.87	7
8		1.12	1.32	0.28						2.43	2.09	1.83	8
9		1.13	1.33	0.27						2.44	2.08	1.75	9
10		1.15	1.33	0.27						2.45	2.07		10
11		1.17	1.31	0.26						2.45	2.07		11
12		1.19	1.31	0.27						2.46	2.07		12
13		1.21	1.31	0.27						2.47	2.08		13
14		1.22	1.32	0.26						2.47	2.09		14
15		1.23	1.34	0.20						2.48	2.09		15
16		1.23	1.35							2.47	2.10		16
17		1.24	1.30							2.46	2.11		17
18		1.26	1.12							2.42	2.12		18
19		1.26	1.02							2.35	2.14		19
20		1.27	0.97							2.30	2.15		20
21		1.27	0.84							2.28	2.16		21
22		1.25								2.26	2.17		22
23		1.21								2.24	2.17		23
24		1.18								2.23	2.17		24
25	0.75	1.17								2.22	2.18		25
26	0.79	1.17								2.14	2.20		26
27	0.82	1.17								2.09	2.20		27
28	0.84	1.18	0.48							2.07	2.20		28
29	0.87	1.20	0.45							2.05	2.19		29
30	0.90		0.42							2.05	2.18		30
31	0.93		0.39							2.05			31

-MONTHLY SUMMARY-

MEAN	1.16										2.12		MEAN
INST		0.94									2.05		INST
MAX		(1)									(1)		MAX
INST		1.28									2.20		INST
MIN		(21)									(26)		MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 064

TOWNSHIP OF N. CAYUGA

JT

LOT 23

WELL REC #: 2600272
UTM CO-ORDS: 7-17 E592905 N4750410
LAT & LONG: 43-54N04W 79-52W5T

REC METHOD: A35 RECORDER
REC COMMCD: APR 15 1959
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 204 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 6.4% LIMESTONE 30.5%

PUMP RATE: 0.4 L/S
SPEC. CAP: 0.001 L/S/M
AQUIFER: LIMESTONE
QUALITY: 1 FRESH

1980

DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		6.08	6.36	6.41	5.94	6.03	6.32	6.53	6.71	6.77	6.60 E	6.38 E	1
2		6.08	6.35	6.41	5.95	6.02	6.34	6.51	6.72	6.74 E	6.65 E	6.36 E	2
3		6.09	6.33	6.40	5.93	6.04	6.35	6.49	6.76	6.74 E	6.64 E	6.40 E	3
4		6.11	6.31	6.31	5.91	6.08	6.36	6.51	6.78	6.73 E	6.50 E	6.45 E	4
5		6.13	6.28	6.31	5.86	6.12	6.34	6.52	6.78	6.78 E	6.56 E	6.41 E	5
6		6.11	6.34	6.35	5.85	6.11	6.35	6.54	6.79	6.80 E	6.55 E	6.37 E	6
7		6.11	6.35	6.36	5.86	6.10	6.39	6.56	6.79	6.77 E	6.50 E	6.32 E	7
8		6.15	6.32	6.35	5.87	6.08	6.38	6.54	6.81	6.72 E	6.51 E	6.27 E	8
9		6.14	6.33	6.29	5.89	6.08	6.39	6.52	6.80	6.74 E	6.49 E	6.25 E	9
10		6.11	6.32	6.26	5.90	6.09	6.40	6.54	6.80	6.76 E	6.52 E	6.23 E	10
11	5.95	6.09	6.33	6.25	5.88	6.17	6.37	6.55	6.81	6.69 E	6.58 E	6.24 E	11
12	5.96	6.11	6.40	6.21	5.90	6.22	6.37	6.55	6.82	6.72 E	6.59 E	6.20 E	12
13	5.99	6.16	6.39	6.19	5.90	6.23	6.41	6.59	6.83	6.77 E	6.56 E	6.17 E	13
14	5.97	6.19	6.35	6.13	5.90	6.21	6.45	6.59	6.80	6.80 E	6.52 E	6.18 E	14
15	6.02	6.20	6.41	6.05	5.95	6.20	6.44	6.58	6.80	6.80 E	6.54 E	6.18 E	15
16	6.01	6.18	6.44	6.09	5.99	6.21	6.42	6.61	6.79	6.80 E	6.56 E	6.16 E	16
17	6.04	6.18	6.38	6.13	6.00	6.24	6.43	6.63	6.75	6.74 E	6.55 E	6.18 E	17
18	6.06	6.22	6.41	6.10	5.96	6.25	6.50	6.61	6.81	6.72 E	6.50 E	6.14 E	18
19	6.09	6.23	6.49	6.08	5.96	6.25	6.53	6.61	6.83	6.72 E	6.52 E	6.20 E	19
20	6.09	6.23	6.48	6.04	5.97	6.23	6.55	6.62	6.81	6.71 E	6.52 E	6.25 E	20
21	6.07	6.24	6.39	6.02	5.98	6.27	6.57	6.62	6.79	6.70 E	6.49 E	6.28 E	21
22	6.02	6.22	6.47	6.00	5.98	6.29	6.58	6.63	6.78	6.70 E	6.53 E	6.28 E	22
23	6.09	6.22	6.45	6.06	5.98	6.30	6.57	6.67	6.79	6.82 E	6.53 E	6.24 E	23
24	6.04	6.24	6.50	6.06	5.95	6.32	6.58	6.69	6.82	6.80 E	6.49 E	6.21 E	24
25	6.09	6.26	6.48	6.05	5.94	6.33	6.58	6.70	6.80	6.67 E	6.51 E	6.24 E	25
26	6.07	6.20	6.53	6.06	5.98	6.32	6.57	6.70	6.80	6.61 E	6.54 E	6.22 E	26
27	6.02	6.25	6.54	6.05	6.01	6.33	6.57	6.70	6.84	6.67 E	6.50 E	6.26 E	27
28	6.04	6.26	6.51	6.02	6.03	6.33	6.56	6.73	6.83	6.65 E	6.40 E	6.29 E	28
29	6.07	6.31	6.45	6.06	6.03	6.28	6.55	6.74	6.84	6.67 E	6.34 E	6.27 E	29
30	6.04		6.43	6.02	6.03	6.27	6.55	6.72	6.81	6.68 E	6.38 E	6.27 E	30
31	6.08		6.39		6.03		6.56	6.71		6.62 E		6.26 E	31

-MONTHLY SUMMARY-

MEAN	6.18	6.41	6.14	5.95	6.20	6.46	6.61	6.80	6.73	6.52	6.26	MEAN
INST	6.07	6.26	5.89	5.85	6.02	6.30	6.48	6.71	6.59	6.33	6.13	INST
MAX	(1)	(5)	(24)	(6)	(1)	(1)	(3)	(1)	(26)	(24)	(18)	MAX
INST	6.34	6.56	6.42	6.03	6.33	6.58	6.74	6.84	6.83	6.66	6.46	INST
MIN	(24)	(23)	(6)	(30)	(27)	(22)	(29)	(27)	(23)	(21)	(4)	MIN

ENVIRONMENT ONTARIO
TORONTO
R.M. OF HALDIMAND-NORFOLK

OBSERVATION WELL 138
TOWNSHIP OF S. WALSINGHAM

WELL REC #1 9401235
UTM CO-ORD: 7-17 E540150 N472200
LAT & LONG: 42-39NORTH 80-31WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 20 1965
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 207 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: 10500L 0.3% YELLOW SAND 1.2% BROWN SAND 4.0% DRY GREY SAND 5.5% COARSE BROWN SAND 7.3% FINE GREY SAND 9.8% MEDIUM DARK SAND 14.3%
DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 12.4 METRES
LENGTH OF SCREEN: SLOTTED PIPE
DEPTH OF WELL: 12.4 METRES
PUMP RATE: 0.5 L/S
SPEC. CAP: N.A.
AQUIFER: MEDIUM SAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		3.24	3.37 E										1
2		3.24	3.37 E										2
3		3.25	3.37 E										3
4		3.25	3.38 E										4
5		3.26	3.38 E										5
6		3.26	3.38 E										6
7		3.27	3.39 E										7
8		3.28	3.39 E										8
9		3.28	3.39 E										9
10		3.28	3.40 E										10
11	3.24	3.29	3.40 E										11
12	3.23	3.29	3.40 E										12
13	3.23	3.31	3.41 E										13
14	3.23	3.31	3.41 E										14
15	3.22	3.32	3.42 E										15
16	3.22	3.32	3.43 E										16
17	3.22	3.32	3.43 E										17
18	3.22	3.33	3.43 E										18
19	3.22	3.33	3.43 E										19
20	3.21	3.33	3.43 E										20
21	3.22	3.34	3.42 E										21
22	3.21	3.34	3.41 E										22
23	3.21	3.34	3.40 E										23
24	3.21	3.35	3.39 E										24
25	3.21	3.35	3.38 E										25
26	3.21	3.35	3.38 E										26
27	3.21	3.35											27
28	3.22	3.36											28
29	3.22	3.36											29
30	3.23												30
31	3.23												31

-MONTHLY SUMMARY-

MEAN	3.31												MEAN
INST	3.23												INST
MAX	(1)												MAX
INST	3.37												INST
MIN	(29)												MIN

ENVIRONMENT ONTARIO
TORONTO
R.M. HALDIMAND-NORFOLK

OBSERVATION WELL 545
TOWNSHIP OF TOWNSEND

WELL REC #1 4404036
UTM CO-ORD: 2-17 E567485 N4750580
LAT & LONG: 42-54NORTH 80-11WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV. 22 1978
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: CLAY OVERBURDEN 9.8%
DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 12.4 METRES
PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: CLAY OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		0.76		0.42	0.43		1.78	3.01	3.94	4.28	4.15	3.62	1
2				0.44	0.47		1.81	3.03	3.96	4.28	4.10	3.61	2
3				0.45	0.50		1.85	3.06	3.98	4.28	4.08	3.59	3
4				0.29	0.54		1.89	3.10	4.00	4.29	4.00	3.56	4
5				0.36	0.57		1.94	3.13	4.00	4.30	3.96	3.51	5
6				0.42	0.60		1.98	3.17	4.01	4.31	3.93	3.46	6
7				0.43	0.62		2.04	3.20	4.01	4.32	3.90	3.40	7
8				0.40	0.62		2.08	3.22	4.02	4.33	3.87	3.33	8
9				0.31	0.62		2.12	3.24	4.03	4.34	3.85	3.27	9
10				0.36	0.62		2.17	3.27	4.05	4.35	3.83	3.22	10
11	0.88			0.41	0.62		2.21	3.29	4.06	4.36	3.81	3.17	11
12	0.61			0.38	0.63	1.03	2.26	3.32	4.08	4.37	3.79	3.13	12
13	0.62			0.41	0.59	1.07	2.32	3.35	4.10	4.38	3.77	3.16	13
14	0.72			0.32	0.55	1.12	2.37	3.38	4.11	4.41	3.74	3.20	14
15	0.75			0.32	0.60	1.16	2.42	3.41	4.13	4.43	3.73	3.24	15
16	0.76			0.42	0.62	1.18	2.45	3.44	4.14	4.45	3.72	3.27	16
17	0.74			0.46	0.63	1.22	2.50	3.48	4.15	4.46	3.71	3.30	17
18	0.72			0.47	0.53	1.28	2.54	3.51	4.16	4.46	3.69	3.33	18
19	0.70			0.49	0.53	1.33	2.59	3.53	4.17	4.47	3.68	3.34	19
20	0.70			0.51	0.58	1.34	2.63	3.56	4.18	4.47	3.67	3.35	20
21	0.70			0.53		1.32	2.67	3.59	4.19	4.47	3.66	3.34	21
22	0.70			0.55		1.37	2.71	3.62	4.21	4.47	3.65	3.34	22
23	0.72		1.42	0.56		1.44	2.74	3.66	4.22	4.47	3.66	3.34	23
24	0.73		1.28	0.59		1.51	2.78	3.69	4.23	4.46	3.66	3.34	24
25	0.74		1.15	0.61		1.58	2.81	3.73	4.25	4.50	3.65	3.35	25
26	0.74		1.07	0.62		1.64	2.84	3.76	4.25	4.42	3.66	3.34	26
27	0.74		1.02	0.61		1.71	2.87	3.79	4.26	4.39	3.66	3.33	27
28	0.74		0.97	0.62		1.76	2.90	3.82	4.27	4.36	3.65	3.32	28
29	0.75		0.87	0.63		1.77	2.92	3.85	4.27	4.32	3.63	3.31	29
30	0.75		0.77	0.68		1.77	2.95	3.88	4.28	4.27	3.62	3.31	30
31	0.75		0.53				2.98	3.91		4.20		3.30	31

-MONTHLY SUMMARY-

MEAN	2.44					2.42	3.45	4.12	4.38	3.78	3.34	MEAN
INST	0.18					1.77	2.99	3.92	4.17	3.62	3.12	INST
MAX	(14)					(1)	(1)	(1)	(31)	(30)	(12)	MAX
INST	0.62					2.99	3.92	4.29	4.53	4.17	3.62	INST
MIN	(26)					(31)	(31)	(30)	(25)	(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF NIAGARA TOWNSHIP OF N. GRIMSBY CONC. 5 LOT 12

OBSERVATION WELL 399

WELL REC #1 3802296
UTM CO-ORDS 7-17 E614640 N4779880
LAT & LONG 43-10NORTH 79-35WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV 18 1969
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 112 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SOFT BROWN CLAY, STONES 3.1% SOFT GREY CLAY, STONES 11.6% HARD, DENSE WHITE DOLOMITE 14.3%

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 13.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 14.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: 1 DOLOMITE
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				1.57	1.31	1.47	1.59	1.78	2.07				1
2				1.55	1.31	1.46	1.60	1.77					2
3				1.53	1.31	1.45	1.62	1.77					3
4				1.45	1.31	1.47	1.63	1.77					4
5				1.46	1.31	1.49	1.63	1.79					5
6				1.46	1.31	1.49	1.64	1.79					6
7				1.45	1.32	1.49	1.68	1.79					7
8				1.44	1.34	1.50	1.67	1.80					8
9				1.40	1.35	1.47	1.69	1.79					9
10				1.38	1.36	1.45	1.70	1.80					10
11				1.38	1.36	1.47	1.69	1.81					11
12				1.36	1.37	1.49	1.74	1.83					12
13				1.36	1.38	1.49	1.85	1.84					13
14				1.32	1.38	1.48	1.93	1.84					14
15				1.27	1.39	1.47	1.96	1.84					15
16				1.30	1.41	1.49	1.95	1.86					16
17				1.32	1.41	1.51	1.95	1.88					17
18				1.31	1.39	1.52	1.98	1.89					18
19				1.31	1.40	1.52	2.00	1.89					19
20				1.31	1.40	1.49	1.99	1.90					20
21				1.31	1.40	1.51	1.97	1.91					21
22				1.31	1.41	1.53	1.97	1.91					22
23				1.30	1.41	1.54	1.92	1.93					23
24				1.32	1.40	1.55	1.91	1.96					24
25				1.32	1.41	1.57	1.90	1.98					25
26				1.34	1.43	1.60	1.89	1.99					26
27			1.68	1.35	1.44	1.60	1.89	2.01					27
28			1.66	1.35	1.45	1.62	1.88	2.04					28
29			1.62	1.33	1.45	1.59	1.85	2.07					29
30			1.61	1.31	1.46	1.58	1.82	2.09					30
31			1.57		1.46		1.80	2.08					31
-MONTHLY SUMMARY-													
MEAN				1.37	1.38	1.51	1.82	1.88					MEAN
INST				1.26	1.31	1.45	1.58	1.76					INST
MAX				(15)	(5)	(3)	(1)	(3)					MAX
INST				1.57	1.47	1.64	2.00	2.09					INST
MIN				(1)	(30)	(28)	(18)	(30)					MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF NIAGARA TOWNSHIP OF WAINFLEET CONC. 5 LOT 37

OBSERVATION WELL 228

WELL REC #1 6602409
UTM CO-ORDS 7-17 E624861 N4755444
LAT & LONG 42-57NORTH 79-28WEST

REC METHOD: A35 RECORDER
REC COMMCD: FEB 26 1969
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 177 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY 1.5% BLUE CLAY 14.6% REDDISH CLAY 21.3% CLAY AND GRAVEL 33.6% SALINA LIMESTONE 53.4%

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 33.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 53.4 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.015 L/S/M
AQUIFER: 1 LIMESTONE
QUALITY: 1 MINERAL

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				2.51	2.50						4.10	4.10	1
2				2.52	2.52						4.12	4.09	2
3				2.50						4.17	4.12	4.05	3
4				2.47						4.18	4.10	4.05	4
5				2.46						4.20	4.10	4.04	5
6				2.48						4.21	4.10	4.02	6
7				2.47						4.21	4.07	4.01	7
8				2.47						4.17	4.07	3.97	8
9				2.42						4.17	4.06	3.95	9
10	2.69			2.38						4.19	4.08	3.94	10
11	2.63			2.43		3.78				4.18	4.12	3.96	11
12	2.63			2.46		3.81				4.19	4.13	3.95	12
13	2.66			2.46		3.82				4.22	4.12	3.95	13
14	2.65			2.47		3.83				4.23	4.11	3.95	14
15	2.67			2.46		3.81				4.23	4.11	3.95	15
16	2.68			2.47		3.82				4.23	4.14	3.95	16
17	2.65			2.47		3.84				4.20	4.14	3.95	17
18	2.63			2.46		3.85				4.17	4.11	3.92	18
19	2.63		2.71	2.48						4.16	4.13	3.95	19
20	2.63		2.68	2.49						4.15	4.13	3.99	20
21	2.62		2.57	2.51						4.15	4.10	4.04	21
22	2.59		2.56	2.52						4.19	4.13	4.01	22
23	2.58		2.57	2.50						4.19	4.17	3.96	23
24			2.57	2.48						4.19	4.16	3.96	24
25			2.55	2.48						4.13	4.15	4.00	25
26			2.56	2.49						4.08	4.14	3.99	26
27			2.57	2.49						4.11	4.11	3.97	27
28			2.57	2.50						4.10	4.07		28
29			2.55	2.50						4.11	4.06		29
30			2.55	2.50						4.12	4.09		30
31			2.51							4.10			31
-MONTHLY SUMMARY-													
MEAN				2.48							4.11		MEAN
INST				2.37							4.05		INST
MAX				(10)							(9)		MAX
INST				2.52							4.17		INST
MIN				(2)							(23)		MIN

ENVIRONMENT ONTARIO
TORONTO

OBSERVATION WELL 033

REGIONAL MUNICIPALITY OF WATERLOO

TOWN OF FLINDA

CONC. =

LOT =

WELL REC # 6503536
UTM CO-ORDS 7-17 E5J5505 N4827750
LAT & LONG 43-27NORTH 80-34WEST

REC METHOD: AS RECORDED
REC COMMOD: NOV 30 1980
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELV: 350 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND AND GRAVEL OVERBUREN 18.3

DIAMETER OF WELL: 51 CM
LENGTH OF CASING: 15.3 METRES
LENGTH OF SCREEN: 2.7 METRES
DEPTH OF WELL: 18 METRES

PUMP RATE: 37 L/S
SPEC. CAP: 0.23 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						4.63	4.50	4.65	5.90	6.20	6.57		1
2						4.86	4.77	4.47	5.98	6.25	6.44		2
3						5.17	5.08	4.42	6.13	6.19	6.41		3
4						5.37	5.13	4.39	6.11	6.13	6.54		4
5						5.20	5.09	4.37	6.27	6.03	6.75		5
6						5.16	4.98	4.35	6.22	6.25	6.78		6
7						4.75	5.14	4.38	6.01	6.49	6.65		7
8						4.54	5.24	4.31	6.02	6.57	6.64		8
9						4.81	5.50	4.29	6.11	6.54			9
10						5.07	5.67	4.25	6.12	6.59			10
11						5.29	5.83	4.30	6.09	6.32			11
12						5.30	5.68	4.52	6.12	6.13			12
13						5.22	5.50	5.01	5.84	6.06			13
14					5.09	4.91	5.70	5.21	5.67	6.10			14
15					4.94	4.66	5.47	5.16	5.72	6.18			15
16					5.17	5.05	5.90	4.97	5.69	6.33			16
17					4.63	5.21	5.90	4.90	5.71	6.80			17
18					4.31	5.19	5.96	4.96	5.83	6.42			18
19					4.16	5.05	5.94	5.21	5.78	6.09			19
20					4.40	5.05	5.49	5.47	5.59	6.20			20
21					4.71	4.79	5.55	5.50	5.50	6.46			21
22					4.99	4.64	5.37	5.75	5.55	6.67			22
23					5.23	5.14	5.15	6.21	5.68	6.89			23
24					5.03	5.47	4.97	6.19	5.79	6.92			24
25					4.79	5.59	4.98	6.48	5.86	6.68			25
26					5.08	5.57	4.79	6.43	5.84	6.49			26
27					5.14	5.51	4.69	6.51	5.87	6.69			27
28					5.15	4.98	4.72	6.34	5.82	6.84			28
29					5.18	4.52	4.62	6.28	5.97	6.86			29
30					5.35	4.37	4.54	6.12	6.12	6.80			30
31					5.03		4.82	5.96		6.67			31
-MONTHLY SUMMARY-													
MEAN						5.04	5.26	5.21	5.90	6.45			MEAN
INST MAX						4.20	4.24	4.07	5.24	5.73			INST MAX
						(30)	(2)	(11)	(22)	(5)			
INST MIN						5.96	6.36	6.72	6.52	7.24			INST MIN
						(26)	(18)	(28)	(6)	(29)			

ENVIRONMENT ONTARIO
TORONTO

OBSERVATION WELL 082

REGIONAL MUNICIPALITY OF WATERLOO

CITY OF KITCHENER

CONC. =

LOT =

WELL REC # 6500265
UTM CO-ORDS 7-17 E544590 N4806630
LAT & LONG 43-25NORTH 80-27WEST

REC METHOD: AS RECORDED
REC COMMOD: MAY 10 1988
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELV: 311 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: PERMUG 13.11 CLAY AND STONES 15.61 DRY GRAVEL 19.51 CEMENTED GRAVEL 22.61 CLAY, HARDPAN AND STONES 26.51 SANDY CLAY 27.51 BROWN CLAY 36.61 COARSE SAND 38.11 GRAVEL 38.71 UNKN 39.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 6.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 39.6 METRES

PUMP RATE: 1.1 L/S
SPEC. CAP: 0.016 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		22.90	22.68					27.92	28.54	26.98	27.61		1
2	24.82	22.66	22.14					26.91	26.24	27.62			2
3		22.59	22.88						26.83	27.47	27.27		3
4		23.05	22.76					29.94	26.89	26.95	26.93		4
5		23.53	22.36			22.14		28.81	26.89	25.71	27.78		5
6	24.46	23.07	22.83			21.47		26.58	27.12	26.20	27.92		6
7		23.13	22.84			21.31		26.65	28.80	27.44	27.96		7
8		23.11	22.62			19.93		26.21	28.11	27.27	27.37		8
9		22.83	21.82			20.34		27.94	27.32	27.34	25.00		9
10		22.47	22.21			21.65	26.19	28.62	26.77	27.41	26.68		10
11		22.59	22.75			21.87	25.21	27.74	27.12	26.47	27.25		11
12		22.87	22.80			21.98	25.79	28.17	27.15	25.31	27.51		12
13		22.90	22.83			22.00	27.37		27.34	25.90	27.31		13
14		22.94	22.79			21.32	25.34		28.68	25.98			14
15		22.96	21.83			17.93	25.53		28.54	27.14			15
16		22.43	22.14			19.99	25.54	27.91	27.49	27.34			16
17		21.79	22.26			21.30	25.57	28.22	27.76	27.63			17
18	24.17	21.79				21.52	24.78	27.65	27.85	27.41			18
19	23.64	22.86				21.68	26.47	27.68	28.02	27.35			19
20	23.38	22.09				21.76	27.98	27.14	27.20	27.02			20
21	23.59	22.72					27.98	26.75	26.27	27.37			21
22	23.45	23.17				20.61	27.41	26.93	26.93	27.70			22
23	23.42	22.59				21.80	27.41	27.61	27.13	27.99			23
24	24.34	21.93				22.74	27.71	27.81	27.44	27.22			24
25	23.62	22.40				24.25	27.55	26.55	27.84	27.15			25
26	23.94	22.43				24.76	28.14	25.22	27.88	25.87			26
27	23.15	22.65				24.92	30.11	24.96	27.28	26.61			27
28	24.10	22.79				23.04	29.34	24.80	26.03	27.70			28
29	23.24	22.88					28.08	24.73	26.31	27.59			29
30	23.12					21.26	27.45	26.50	26.87	27.75			30
31	22.97						27.92	28.13		27.01			31
-MONTHLY SUMMARY-													
MEAN		22.69							27.35	27.03			MEAN
INST MAX		19.41							24.14	23.68			INST MAX
		(117)							(26)	(13)			
INST MIN		24.64							30.75	28.83			INST MIN
		(22)							(15)	(27)			

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 396

TOWNSHIP OF WILMOT

BRN

LOT 11

WELL REC #1: 6502145
UTM CO-ORDS: 7-17 E5J0300 N4804475
LAT & LONG: 43-24NORTH 80-37WEST

REC METHOD: BROTT RECORDER

REC COMMCD: JUN 13 1973

MEASURE PT: 4.6 FEET ABOVE GROUND SURFACE

GND ELEV: 1200 FEET ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG:

DIAMETER OF WELL: 2 INCHES

LENGTH OF CASING: 144 FEET

LENGTH OF SCREEN: 11 FEET

DEPTH OF WELL: 155 FEET

PUMP RATE: 25 IGPM

SPEC. CAP: 6.58 IGPM/FT

AQUIFER: SAND AND GRAVEL

QUALITY: FRESH

BROWN CLAY 15 SAND 171 SAND AND GRAVEL 381 BOULDERS, GRAVEL AND BROWN CLAY 511 BROWN CLAY CHANGING TO GREY COLOR
601 SILTY SAND WITH CLAY STREAKS 1281 GRAVEL, SAND WITH BOULDERS 1551 SAND AND FINE GRAVEL 1821 GREY CLAY 2051
GREY CLAY, GRAVEL 2161 CEMENTED SAND, GRAVEL 2181 BEDROCK 218.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		14.96	15.02	14.90	14.80	14.79							1
2		14.96	15.00	14.89	14.79	14.78							2
3		14.97	14.98	14.87	14.79	14.79							3
4		14.97	14.96	14.81	14.79	14.82							4
5		14.97	14.96	14.86	14.77	14.82							5
6		14.95	15.01	14.88	14.77	14.78							6
7		14.96	14.99	14.87	14.79	14.78							7
8		14.97	14.96	14.84	14.81	14.79							8
9		14.94	14.98	14.82	14.82	14.78							9
10		14.92	14.96	14.82	14.83	14.79							10
11		14.91	15.01	14.84	14.81	14.83							11
12		14.95	15.05	14.81	14.84	14.83							12
13		14.96	14.99	14.84	14.81	14.82							13
14		14.96	15.01	14.77	14.83	14.79							14
15		14.94	15.06	14.76	14.85	14.79							15
16		14.91	15.02	14.84	14.86	14.82							16
17		14.95	14.96	14.85	14.84	14.82							17
18	14.92	14.97	15.00	14.83	14.80	14.81							18
19	14.93	14.97	14.98	14.81	14.82	14.79							19
20	14.93	14.95	14.93	14.79		14.79							20
21	14.91	14.98	14.86	14.81		14.82							21
22	14.86	14.94	14.94	14.79		14.83							22
23	14.86	14.97	14.94	14.77		14.83							23
24	14.87	14.98	14.89	14.79	14.78								24
25	14.90	14.98	14.92	14.81	14.78								25
26	14.96	14.99	14.94	14.82	14.80								26
27	14.97	14.94	14.94	14.81	14.81								27
28	14.97	14.97	14.90	14.81	14.80								28
29	14.97	15.01	14.87	14.80	14.80								29
30	14.98		14.87	14.80	14.79								30
31	14.96		14.86		14.78								31

-MONTHLY SUMMARY-

MEAN		14.96	14.96	14.82									MEAN
INST		14.90	14.82	14.74									INST
MAX		(16)	(21)	(14)									MAX
INST		15.02	15.06	14.90									INST
MIN		(29)	(15)	(1)									MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO

OBSERVATION WELL 514

TOWNSHIP OF WILMOT

SRS LOT 14

WELL REC #1: 6503056
UTM CO-ORDS: 7-17 E527650 N4805550
LAT & LONG: 43-24NORTH 80-39WEST

REC METHOD: *F* TYPE RECORDER

REC COMMCD: JANUARY 1974

MEASURE PT: 1.5 METRES ABOVE GROUND SURFACE

GND ELEV: 354 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG:

DIAMETER OF WELL: 15 CM

LENGTH OF CASING: 13.1 METRES

LENGTH OF SCREEN: 2.4 METRES

DEPTH OF WELL: 15.5 METRES

PUMP RATE: 3 L/S

SPEC. CAP: 0.076 L/S/M

AQUIFER: SILTY SAND AND CLAY

QUALITY: FRESH

BLUE CLAY 11.61 GREY SILTY SAND 15.5.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		2.29	2.33	2.14	2.20	2.16	2.22	2.22	2.36 E	2.33 E	2.38 E	2.35 E	1
2		2.29	2.31	2.14	2.20	2.16	2.22	2.22	2.35 E	2.34 E	2.37 E	2.36 E	2
3		2.29	2.32	2.14	2.18	2.15	2.22	2.21	2.34 E	2.34 E	2.37 E	2.36 E	3
4		2.30	2.32	2.09	2.18	2.17	2.24	2.23	2.34 E	2.35 E	2.38 E	2.35 E	4
5		2.31	2.32	2.11	2.21	2.17	2.22	2.24	2.34 E	2.34 E	2.37 E	2.35 E	5
6		2.31	2.34	2.12	2.23	2.15	2.22	2.26	2.35 E	2.33 E	2.38 E	2.36 E	6
7		2.32	2.34	2.14	2.24	2.14	2.23	2.25	2.35 E	2.33 E	2.38 E	2.37 E	7
8		2.32	2.31	2.13	2.24	2.13	2.22	2.25	2.33 E	2.34 E	2.38 E	2.37 E	8
9		2.30	2.31	2.11	2.25	2.14	2.24	2.25	2.33 E	2.33 E	2.40 E	2.37 E	9
10		2.29	2.31	2.11	2.23	2.16	2.24	2.24	2.32 E	2.33 E	2.37 E	2.36 E	10
11		2.30	2.33	2.13	2.23	2.18	2.25	2.24	2.32 E	2.34 E	2.37 E	2.35 E	11
12		2.32		2.11	2.24	2.18	2.25	2.23	2.32 E	2.35 E	2.37 E	2.37 E	12
13		2.33	2.26	2.11	2.23	2.19	2.25	2.24	2.35 E	2.34 E	2.39 E	2.39 E	13
14		2.33	2.27	2.10	2.23	2.17	2.27	2.24	2.36 E	2.33 E	2.37 E	2.40 E	14
15		2.32	2.28	2.09	2.23	2.16	2.26	2.25	2.33 E	2.33 E	2.39 E	2.40 E	15
16		2.30	2.26	2.13	2.24	2.18	2.25	2.25	2.33 E	2.33 E	2.38 E	2.40 E	16
17		2.30	2.23	2.14	2.22	2.20	2.26	2.25	2.34 E	2.34 E	2.38 E	2.40 E	17
18	2.22	2.32	2.23	2.15	2.17	2.19	2.26	2.25	2.32 E	2.37 E	2.37 E	2.39 E	18
19	2.21	2.32	2.22	2.14	2.18	2.19	2.26	2.26	2.32 E	2.38 E	2.36 E	2.42 E	19
20	2.21	2.32	2.19	2.13	2.19	2.19	2.25	2.26	2.34 E	2.36 E	2.36 E		20
21	2.22	2.33	2.12	2.16	2.20	2.19	2.25	2.26	2.35 E	2.35 E	2.36 E		21
22	2.22	2.32	2.19	2.19	2.21	2.19	2.24	2.27	2.33 E	2.34 E	2.36 E		22
23	2.22	2.32	2.20	2.17	2.21	2.21	2.24	2.27	2.34 E	2.34 E	2.37 E		23
24	2.23	2.32	2.18	2.18	2.20	2.22	2.25	2.28	2.33 E	2.35 E	2.36 E		24
25	2.25	2.32	2.18	2.19	2.20	2.22	2.25	2.28	2.34 E	2.38 E	2.35 E		25
26	2.26	2.32	2.18	2.19	2.21	2.21	2.24	2.28 E	2.33 E	2.39 E	2.34 E		26
27	2.25	2.30	2.17	2.19	2.21	2.23	2.23	2.31 E	2.33 E	2.37 E	2.35 E		27
28	2.27	2.32	2.16	2.20	2.21	2.20	2.22	2.31 E	2.34 E	2.37 E	2.36 E		28
29	2.28	2.34	2.13	2.18	2.21	2.18	2.21	2.31 E	2.33 E	2.36 E	2.36 E		29
30	2.29		2.12	2.19	2.21	2.19	2.22	2.34 E	2.33 E	2.37 E	2.37 E		30
31	2.29		2.12		2.20	2.22	2.22	2.35 E		2.34 E			31

-MONTHLY SUMMARY-

MEAN		2.31		2.14	2.21	2.18	2.24	2.26	2.34	2.35	2.37		MEAN
INST		2.26		2.07	2.17	2.12	2.19	2.20	2.29	2.30	2.33		INST
MAX		(11)		(15)	(19)	(9)	(1)	(12)	(12)	(6)	(26)		MAX
INST		2.36		2.24	2.27	2.25	2.31	2.36	2.38	2.41	2.42		INST
MIN		(29)		(22)	(9)	(24)	(14)	(31)	(2)	(31)	(9)		MIN

ENVIRONMENT ONTARIO
TORONTO
COUNTY OF WELLINGTON

OBSERVATION WELL 551
VILLAGE OF ERIN

CON. = LOT =

WELL REC #1 6700R32
UTM CO-ORDS 7-17 E574475 N4847450
LAT & LONG 43-47NORTH 80-04WEST

REC METHOD: A-JS RECORDER
REC COMMCD: OCT. 09 1979
MEASURE DT: 0.0 METRES ABOVE GROUND SURFACE
GND ELFV: 392 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: GRAVEL AND BULDERS 4.61 GRAVEL 9.21 Limestone ROCK 22.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 16.2 METRES

PUMP RATE: 1 L/S
SPEC. CAP: 3.54 L/S/M
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		2.78			2.46	3.15	3.19	3.32					1
2		2.75	2.50	2.64	2.46	3.14	3.18	3.34					2
3		2.73	2.52	2.64	2.48	3.13	3.19	3.34					3
4		2.69	2.54	2.62	2.51	3.13	3.21	3.34					4
5			2.56	2.62	2.54	3.16	3.24	3.34					5
6			2.58	2.63	2.58	3.21	3.27	3.34					6
7			2.59	2.63	2.62	3.25	3.29	3.35					7
8			2.60	2.63	2.65	3.27	3.28	3.35		4.07			8
9			2.63	2.58	2.68	3.27	3.29	3.34		4.07			9
10			2.64	2.56	2.71	3.26	3.31	3.35		4.08			10
11			2.65	2.56	2.75	3.22	3.32			4.09			11
12			2.65	2.55	2.78	3.23	3.34			4.10			12
13			2.65	2.53	2.80	3.25	3.34			4.11			13
14			2.67	2.51	2.76	3.27	3.34			4.13			14
15			2.70	2.44	2.78	3.29	3.34			4.14			15
16	3.15		2.71	2.44	2.82	3.31	3.34			4.14			16
17	3.12		2.71	2.44	2.86	3.35	3.34			4.14			17
18	3.09		2.67	2.43	2.81	3.38	3.34			4.12			18
19	3.05		2.62	2.43	2.77	3.38	3.34			4.08			19
20	3.05		2.49	2.45	2.81	3.36	3.34			4.07			20
21	3.05			2.46	2.84	3.33	3.34			4.06			21
22	3.03			2.48	2.87	3.33	3.35			4.06			22
23	3.01			2.51	2.90	3.34	3.34			4.07			23
24	2.98			2.53	2.89	3.34	3.34			4.08			24
25	2.96			2.55	2.89	3.34	3.34						25
26	2.92			2.59	2.95	3.35	3.34						26
27	2.90			2.61	3.00	3.38	3.34						27
28	2.88			2.57	3.03	3.39	3.34						28
29	2.86			2.48	3.06	3.34	3.33						29
30	2.83			2.46	3.11	3.23							30
31	2.80				3.13		3.30						31
-MONTHLY SUMMARY-													
MEAN					2.78	3.28	3.31						MEAN
INST					2.46	3.12	3.18						INST
MAX					(2)	(3)	(2)						MAX
INST					3.14	3.40	3.35						INST
MIN					(31)	(28)	(27)						MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 532
TOWNSHIP OF GUELPH

DIV. C 5 LOT B

WELL REC #1 6701127
UTM CO-ORDS 2-17 E563198 N4825875
LAT & LONG - NORTH - WEST

REC METHOD: AJS RECORDER
REC COMMCD: MAR. 13 1978
MEASURE DT: 3.85 METRES ABOVE GROUND SURFACE
GND ELFV: 343 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY, STONES AND FINE GRAVEL 2.41 GREY CLAY AND GRAVEL 14.31 LIGHT BROWN BROKEN ROCK 16.81 DARK BROWN ROCK 18.31 BLACK ROCK 33.51 DARK GREY ROCK 36.61 LIGHT GREY ROCK 64.11 GREY AND BLUE ROCK 67.13 BLUE SHALE 67.1.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 20.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 67.1 METRES

PUMP RATE: 30 L/S
SPEC. CAP: 0.007 L/S/M
AQUIFER: DOLOMITE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				-1.52	-1.80								1
2				-1.52	-1.80								2
3				-1.50	-1.80								3
4				-1.54	-1.79								4
5				-1.52	-1.79								5
6				-1.52	-1.77								6
7				-1.54	-1.76								7
8				-1.54	-1.73								8
9				-1.57	-1.72								9
10				-1.61	-1.72								10
11				-1.61	-1.73								11
12				-1.62	-1.71								12
13				-1.57	-1.74								13
14				-1.59	-1.73								14
15				-1.64	-1.72								15
16				-1.64									16
17				-1.65									17
18				-1.70									18
19				-1.71									19
20			-0.24	-1.72									20
21			-0.32	-1.71									21
22			-1.09	-1.73									22
23			-1.46	-1.73									23
24			-1.65	-1.70									24
25			-1.64	-1.69									25
26			-1.58	-1.69									26
27			-1.55	-1.70									27
28			-1.54	-1.72									28
29			-1.56	-1.76									29
30			-1.55	-1.79									30
31			-1.55										31
-MONTHLY SUMMARY-													
MEAN				-1.63									MEAN
INST				-1.81									INST
MAX				(30)									MAX
INST				-1.48									INST
MIN				(3)									MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 537
TOWNSHIP OF GUELPH

DIV. 8-1 LOT 11

WELL REC #1 6700956
UTM CO-ORDS: Z-17 E555024 N4820862
LAT & LONG: 43-32NORTH 80-19WEST

REC METHOD: A-71 METRIC RECORDER
REC COMMCD: JUL. 07 1978
MEASURE PT: 0.13 METRES ABOVE GROUND SURFACE
GND ELEV: 342.5 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG:

DIAMETER OF WELL: 30.5 CM
LENGTH OF CASING: 10.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 108.5 METRES

PUMP RATE: 8.8 L/S
SPEC. CAP: N.A.
AQUIFER: DOLOMITE
QUALITY: FRESH

GREY CLAY AND STONES 4.3% GREY CLAY AND GRAVEL 10.1% DARK BROWN ROCK 12.2% LIGHT BROWN ROCK 55.8% LIGHT GREY
ROCK 65.6% LIGHT BLUE ROCK 85.4% LIGHT BLUE AND SOME WHITE ROCK 91.5% LIGHT BROWN ROCK 98.8% DARK BLUE ROCK
101.9% DARK GREY ROCK 107.4% BLUE SHALE 108.6.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.77	8.35	8.57	9.38	8.16	8.29	8.64	11.63	11.10	10.62	11.06		1
2	5.71	8.36	8.52	9.39	8.23	8.28	8.62	11.76	10.75	10.69	10.97		2
3	5.71	8.35	8.46	9.43	8.32	8.21	8.62	11.89	10.47	10.81	10.87		3
4	5.66	8.34	8.44	9.35	8.37	8.19	8.60	12.00	10.25	10.87	10.89		4
5	5.79	8.34	8.49	9.39	8.36	8.21	8.58	12.11	10.07	10.89	10.89		5
6	6.43	8.32	8.69	9.39	8.29	8.24	8.57	12.14	9.88	10.79	10.86		6
7	6.92	8.36	8.79	9.31	8.30	8.21	8.54	12.16	9.77	10.75			7
8	7.41	8.39	8.82	9.22	8.36	8.14	8.65	12.20	9.70	10.67			8
9	7.73	8.34	8.91	9.10	8.39	8.07	8.70	12.19	9.65	10.63			9
10	7.96	8.31	8.89	9.04	8.39	8.09	8.66	12.22	9.62	10.72			10
11	7.96	8.28	9.00	9.10	8.36	8.05	8.72	12.22	9.61	10.82			11
12	8.02	8.34	9.09	9.15	8.32	8.11	8.70	12.14	9.62	10.90			12
13	7.60	8.39	8.98	9.22	8.35	8.18	8.71	12.10	9.60	10.84			13
14	7.13	8.41	8.91	9.27	8.32	8.19	8.81	12.14	9.65	10.84			14
15	6.82	8.38	8.95	9.12	8.32	8.16	8.96	12.15	9.70	10.81			15
16	6.51	8.33	8.86	9.17	8.37	8.17	9.09	12.16	9.75	10.69			16
17	6.40	8.38	8.70	9.33	8.40	8.19	9.21	12.20	9.87	10.60			17
18	6.50	8.41	8.73	9.28	8.38	8.23	9.36	12.19	9.91	10.54			18
19	6.80	8.42	8.77	9.12	8.28	8.24	9.47	12.15	9.94	10.53			19
20	7.12	8.40	8.78	8.87	8.26	8.23	9.59	12.14	10.01	10.56			20
21	7.32	8.46	8.88	8.67	8.27	8.20	9.62	12.20	9.95	10.69			21
22	7.44	8.41	9.04	8.51	8.26	8.20	9.68	12.18	9.93	10.79			22
23	7.59	8.45	9.34	8.36	8.32	8.22	9.78	12.10	9.95	10.84			23
24	7.72	8.46	9.43	8.33	8.37	8.24	9.89	11.99	9.99	10.89			24
25	7.86	8.47	9.54	8.34	8.34	8.25	9.89	11.87	10.01	10.91			25
26	8.01	8.49	9.62	8.34	8.31	8.27	9.89	11.75	10.04	10.84			26
27	8.08	8.41	9.58	8.31	8.33	8.41	10.14	11.73	10.03	10.79			27
28	8.12	8.46	9.49	8.27	8.34	8.56	10.50	11.77	10.18	10.88			28
29	8.16	8.55	9.46	8.21	8.33	8.71	10.85	11.78	10.39	11.04			29
30	8.25		9.46	8.14	8.33	8.73	11.18	11.71	10.48	11.09			30
31	8.31		9.37		8.32		11.46	11.46		11.02			31
-MONTHLY SUMMARY-													
MEAN	7.19	8.39	8.98	8.94	8.32	8.25	9.34	12.01	10.00	10.79			MEAN
INST	5.62	8.26	8.43	8.12	8.14	8.03	8.52	11.29	9.58	10.51			INST
MAX	(4)	(11)	(3)	(30)	(1)	(11)	(7)	(31)	(13)	(19)			MAX
INST	8.36	8.61	9.63	9.46	8.43	8.75	11.54	12.26	11.29	11.13			INST
MIN	(31)	(29)	(26)	(3)	(17)	(30)	(31)	(11)	(1)	(29)			MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 536
TOWNSHIP OF NICHOL

CONC. 11 LOT 16

WELL REC #1 6706084
UTM CO-ORDS: Z-17 E544930 N4837820
LAT & LONG: 43-42NORTH 80-26WEST

REC METHOD: A-71 METRIC RECORDER
REC COMMCD: JUL. 05 1978
MEASURE PT: 41 CM ABOVE GROUND SURFACE
GND ELEV: 84.5 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG:

DIAMETER OF WELL: 20.32 CM
LENGTH OF CASING: 15.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 84.5 METRES

PUMP RATE: 6.28L/S
SPEC. CAP: N.A.
AQUIFER: DOLOMITE
QUALITY: FRESH

BLACK TOPSOIL 0.3% MEDIUM BROWN SAND 3.7% STONEY GRAVEL AND CLAY 11.0% STONEY HARDPAN 13.4% LIGHT BUFF DOLOMITE
31.1% LIGHT BUFF TO WHITE DOLOMITE 44.5% WHITE DOLOMITE 54.9% MEDIUM BROWN SANDSTONE 56.7% BROWN SANDSTONE WITH
DARK BROWN MAPL 61.6% BROWN SANDSTONE 63.4% MEDIUM BROWN DOLOMITE 71.7% MEDIUM TO DARK BROWN DOLOMITE 72.9%
WHITE DOLOMITE 76.9% WHITE TO BUFF DOLOMITE 80.5% BUFF DOLOMITE 84.5.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					13.69	13.60							1
2					13.82	13.48	13.82						2
3					13.79	13.47	13.78						3
4					13.76	13.61	13.81	13.68					4
5	13.57				13.60	13.53		13.61					5
6					13.68	13.55	13.91	13.66					6
7					13.71	13.60	13.87	13.65					7
8					13.60	13.65	13.84	13.75					8
9					13.59	13.69	13.81	14.06					9
10					13.60	13.61	13.81	14.00					10
11					13.56	13.59	13.85	13.85					11
12						13.74	13.92	14.10					12
13					13.58	13.87	13.94	14.24					13
14					13.52	13.89	13.85	14.37					14
15					13.37		13.75	14.44					15
16					13.38		13.73						16
17					13.47	13.77	13.82						17
18						13.58	13.86						18
19						13.54							19
20						13.61							20
21					13.40	13.75							21
22					13.38	13.80							22
23					13.34	13.79	13.84						23
24					13.37	13.65							24
25					13.44	13.72							25
26					13.51	13.85							26
27				13.88	13.46	13.86							27
28				13.81	13.37	13.85							28
29				13.74	13.38								29
30				13.68	13.48								30
31					13.80								31
-MONTHLY SUMMARY-													
MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 131

TOWNSHIP OF DUSLINCH

CONC. 11 LOT 4

WELL REC #1 6702809
UTM CO-ORDS: 7-17 E568056 N4822756
LAT & LONG: 43-34NORTH 80-10WEST

REC METHOD: 111 TYPE RECORDER

REC COMM: FEB 2 1985

MEASURE PT: 0.4 METRES ABOVE GROUND SURFACE

GND ELEV: 340 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: LOAM 0.3% GRAVEL, SAND AND BOULDERS 1.5% GRAVEL, CLAY AND BOULDERS 8.2% SAND, GRAVEL, CLAY 9.8% SAND 12.1% DARK
HARD SHALE 16.2% GREY LIMESTONE 34.5% VERY SOFT LIMESTONE 35.1% GREY LIMESTONE 36.7% VERY SOFT LIMESTONE 40%
HARD GRY LIMESTONE 42.1%

1980

DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.93			14.17		14.26							1
2	14.05			14.17		14.26							2
3	14.59			14.18		14.33							3
4				14.14		14.26							4
5				14.16		14.26							5
6				14.77		14.47							6
7				14.21		14.27							7
8				14.22		14.26							8
9				14.14	14.29								9
10				14.23	14.68								10
11				14.24	14.22								11
12				14.14	14.40								12
13				14.15	14.34								13
14				14.09	14.23								14
15		15.20		14.01	14.21								15
16		15.08		14.04	14.72								16
17		14.47			14.24								17
18		15.04			14.17								18
19		15.14			14.16								19
20		15.17			14.42								20
21					14.69								21
22					14.25								22
23					14.39								23
24					14.24								24
25					14.25								25
26					14.26								26
27					14.27								27
28					14.27								28
29			14.16		14.55								29
30			14.16		14.27								30
31			14.16		14.30								31

-MONTHLY SUMMARY-

MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 213

TOWNSHIP OF DUSLINCH

CONC. 10 LOT 4

WELL REC #1 6704351
UTM CO-ORDS: 7-17 E567300 N4822500
LAT & LONG: 43-33NORTH 80-10WEST

REC METHOD: 111 TYPE RECORDER

REC COMM: MAR 19 1988

MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE

GND ELEV: 320 METRES ABOVE SEA LEVEL

WELL TYPE: DUG

WELL LOG: CLAY AND BOULDERS 1.6% COARSE GRAVEL 3.4%

1980

DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			2.82			2.80	2.79						1
2			2.82			2.80	2.79						2
3			2.82			2.80	2.79						3
4			2.82			2.80	2.79						4
5			2.81			2.80	2.79						5
6			2.81			2.80	2.79						6
7			2.81			2.80	2.79						7
8			2.81			2.80	2.79						8
9			2.81		2.82	2.79	2.79						9
10			2.81		2.82	2.79	2.79						10
11			2.80		2.82	2.79							11
12			2.81		2.82	2.79							12
13			2.81		2.82	2.79							13
14			2.81		2.82	2.79							14
15		2.75	2.81		2.82	2.79							15
16		2.76	2.81		2.82	2.79							16
17		2.78	2.81		2.82	2.79							17
18		2.80			2.82	2.79							18
19		2.81			2.81	2.79							19
20		2.81			2.81	2.79							20
21		2.81			2.81	2.79							21
22		2.81			2.81	2.79							22
23		2.81			2.81	2.79							23
24		2.81			2.81	2.79							24
25		2.81			2.81	2.79							25
26		2.82			2.81	2.79							26
27		2.82			2.81	2.79							27
28		2.82			2.81	2.79							28
29		2.82			2.81	2.79							29
30					2.80	2.79							30
31					2.80								31

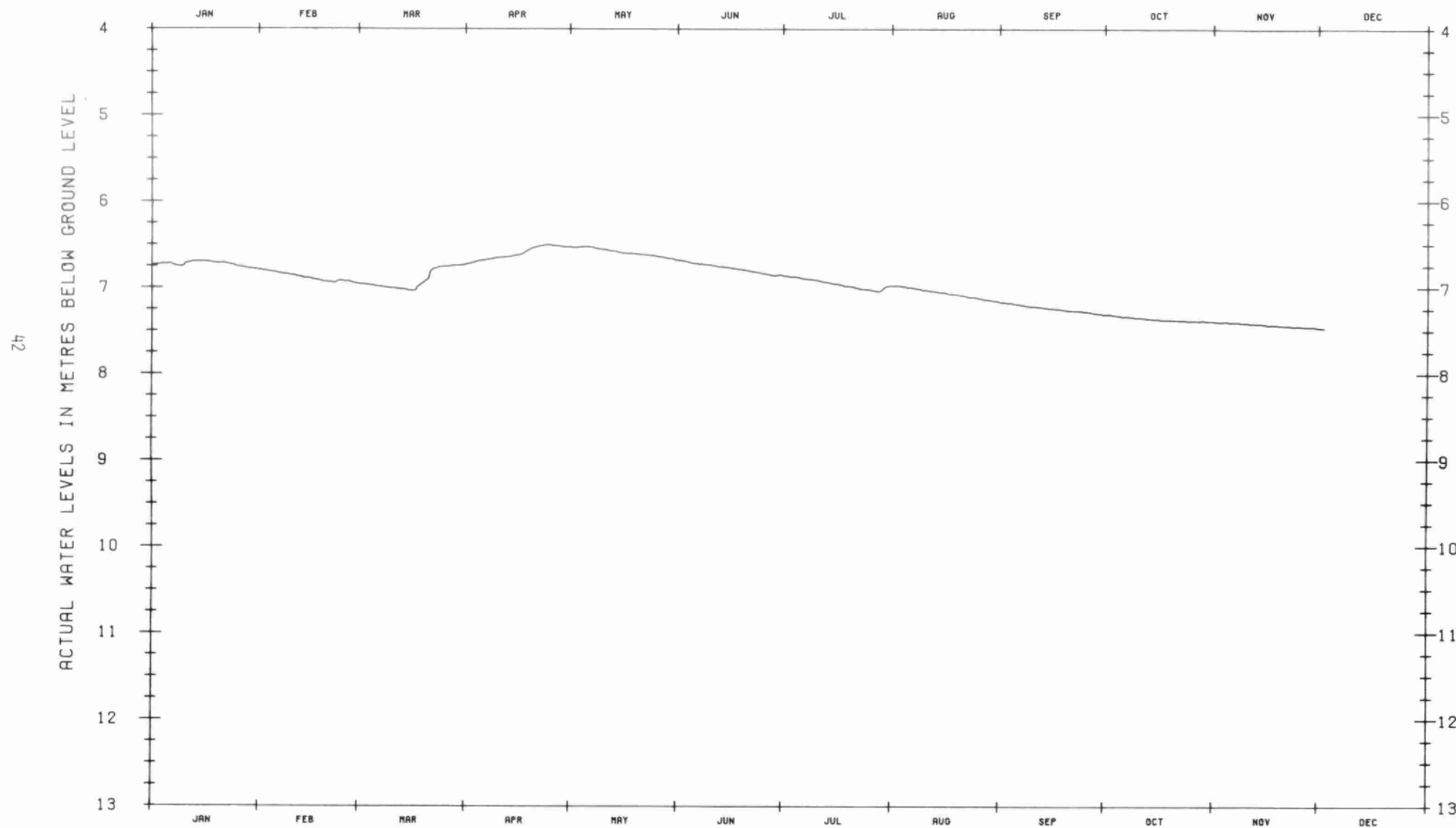
-MONTHLY SUMMARY-

MEAN						2.79							MEAN
INST						2.79							INST
MAX						(28)							MAX
INST						2.80							INST
MIN						(1)							MIN

ENVIRONMENT ONTARIO

1980

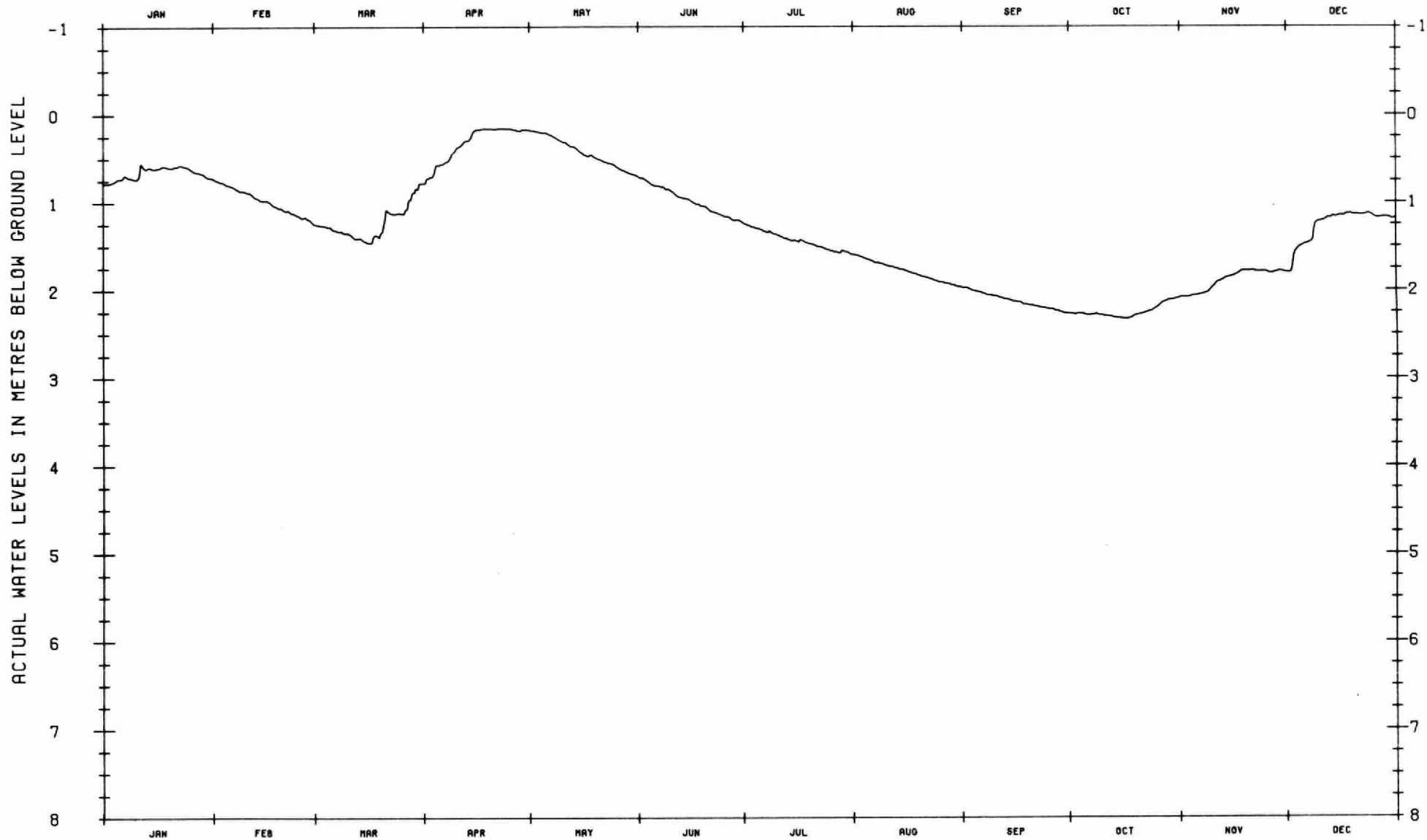
OBSERVATION WELL 124
TOWNSHIP OF BRANTFORD



ENVIRONMENT ONTARIO

1980

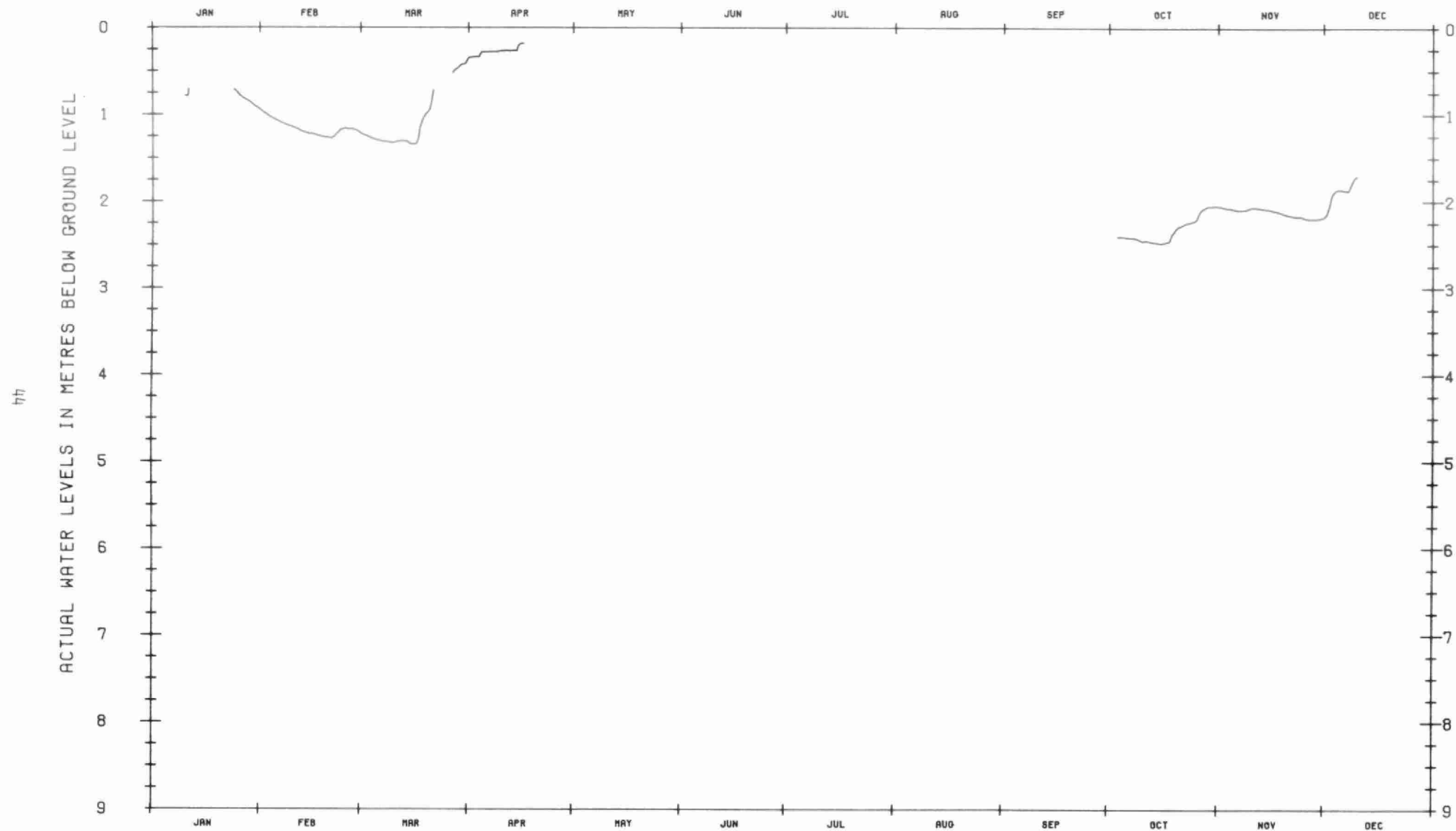
OBSERVATION WELL 046
TOWNSHIP OF LUTHER

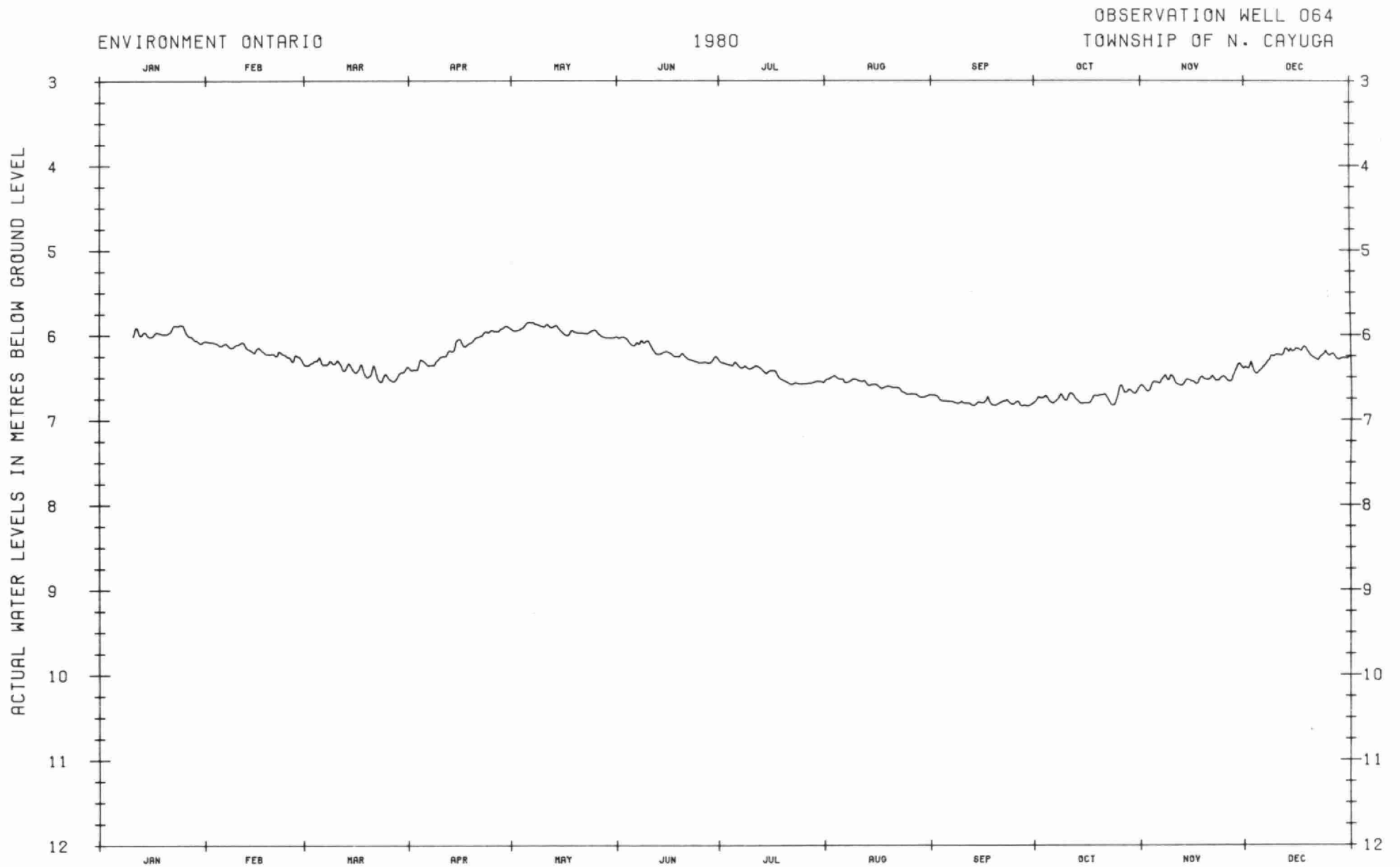


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 413
TOWNSHIP OF MIDDLETON

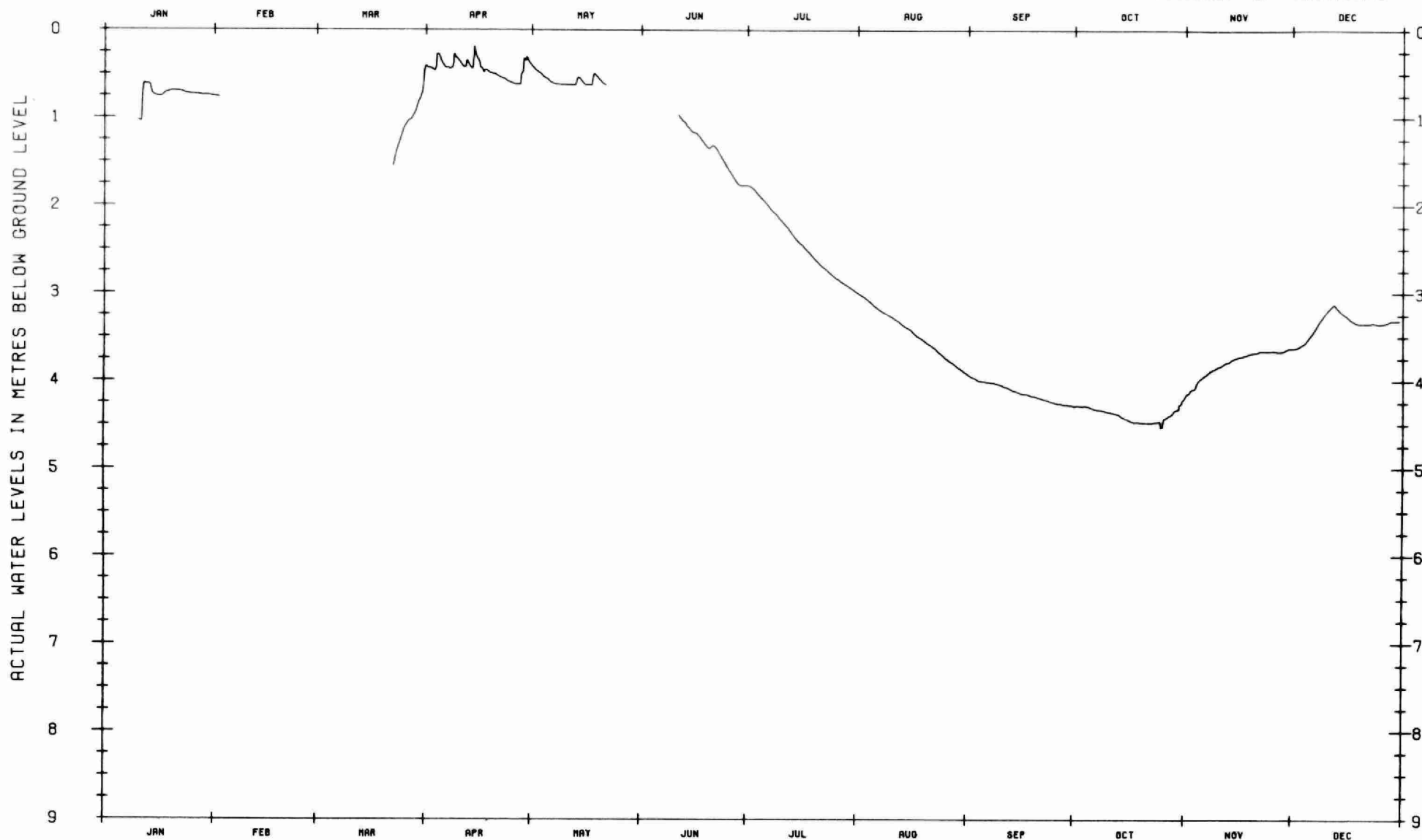




ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 545
TOWNSHIP OF TOWNSEND



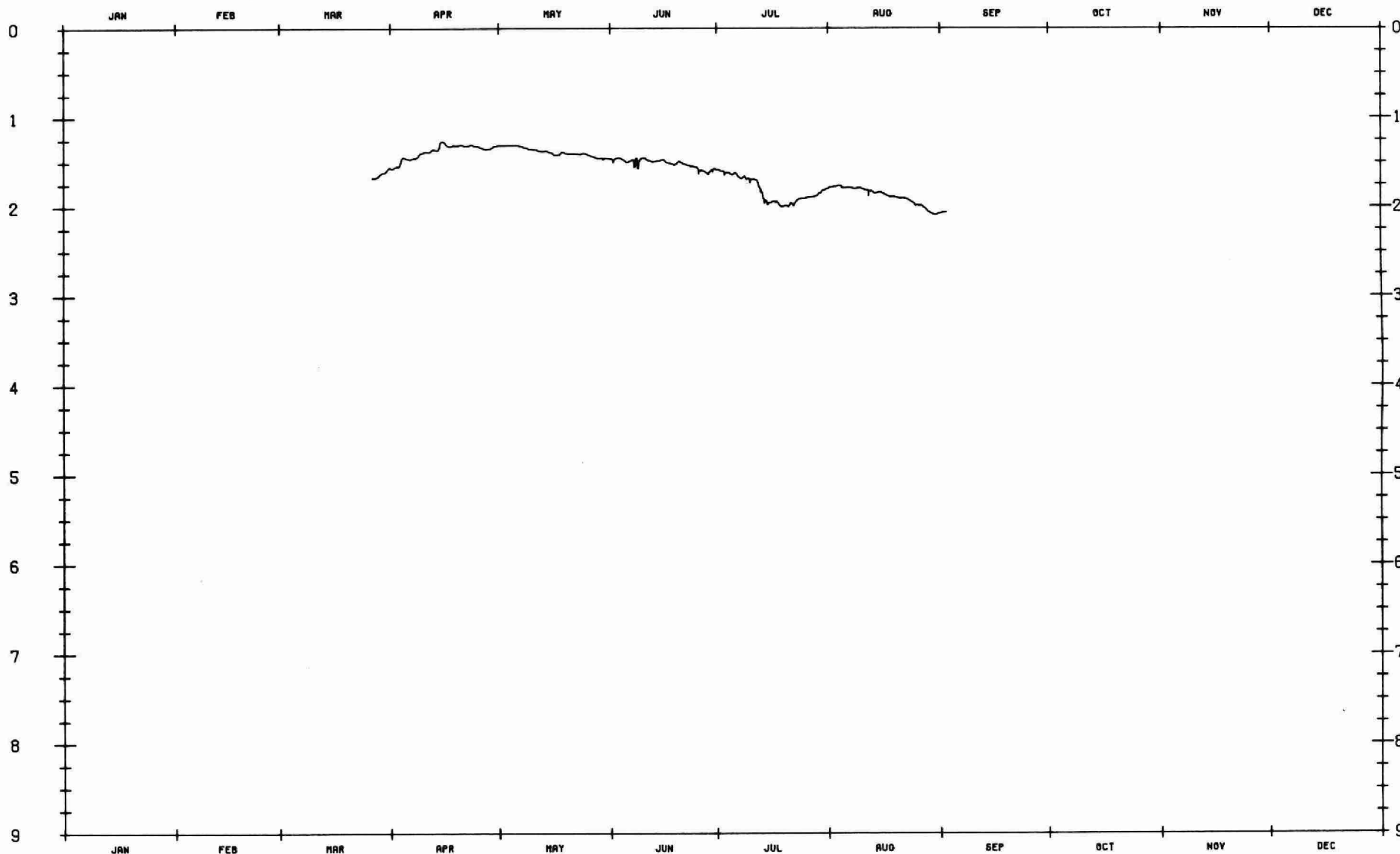
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 399
TOWNSHIP OF N. GRIMSBY

ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

47



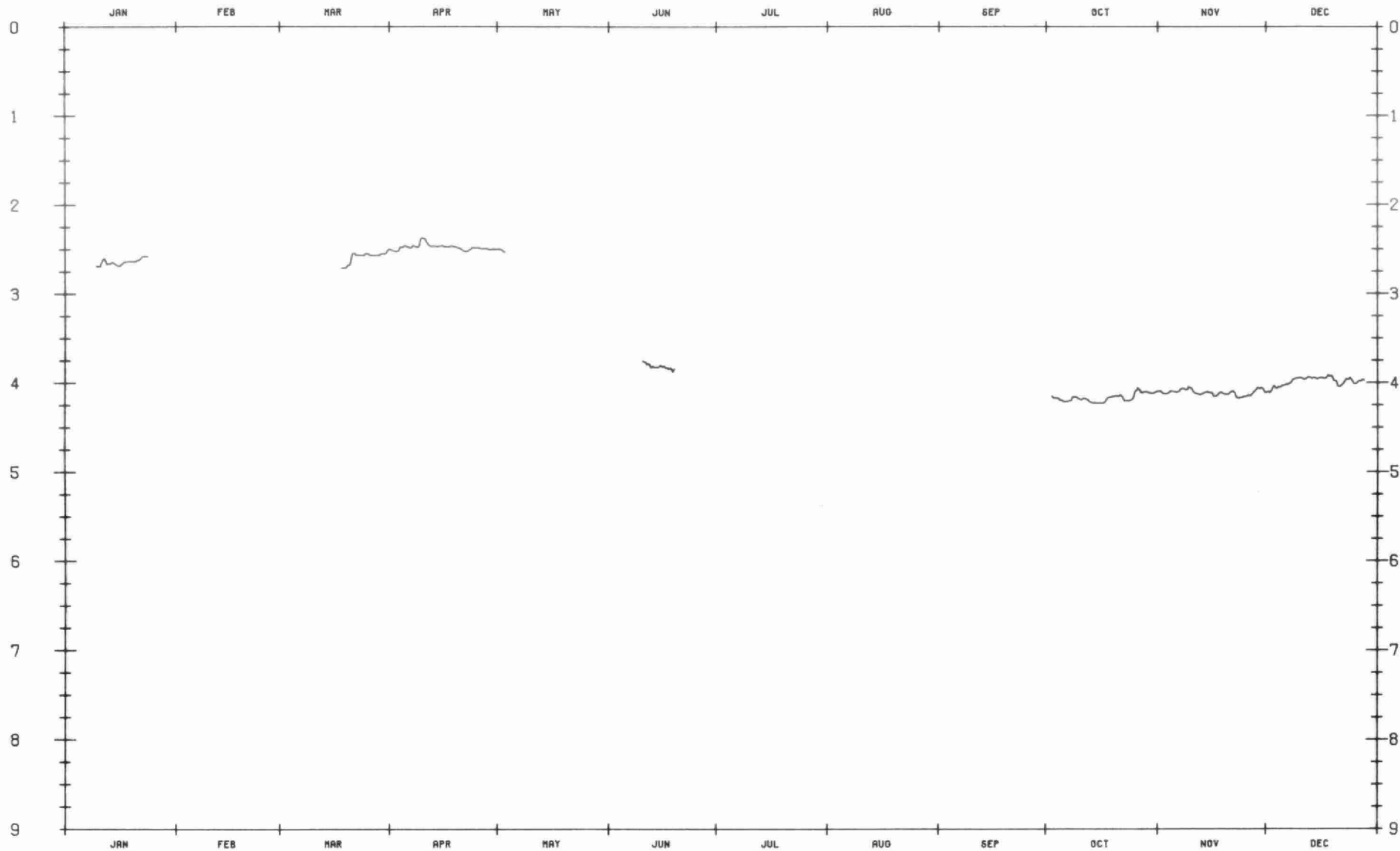
ENVIRONMENT ONTARIO

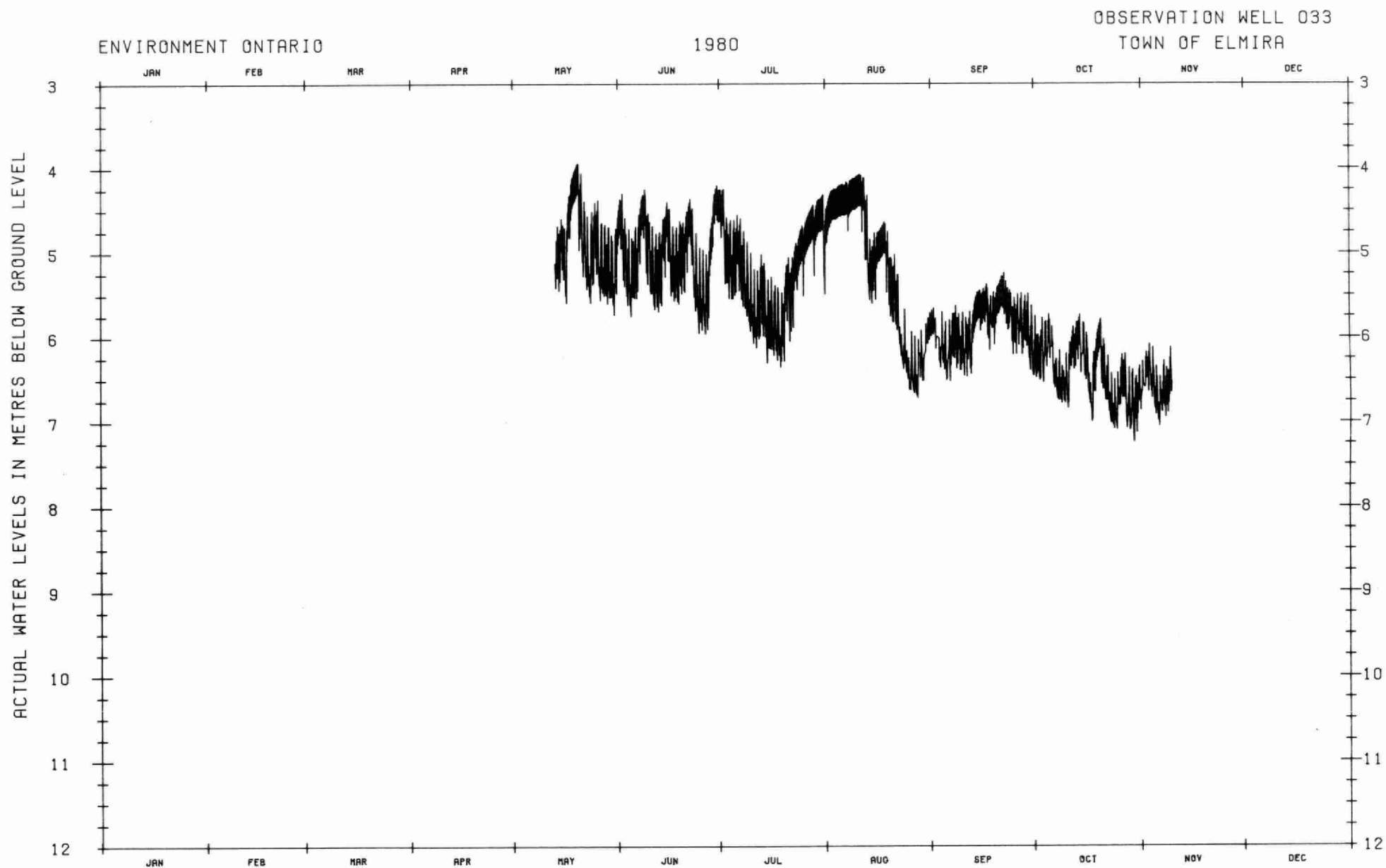
1980

OBSERVATION WELL 228
TOWNSHIP OF WAINFLEET

ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

48

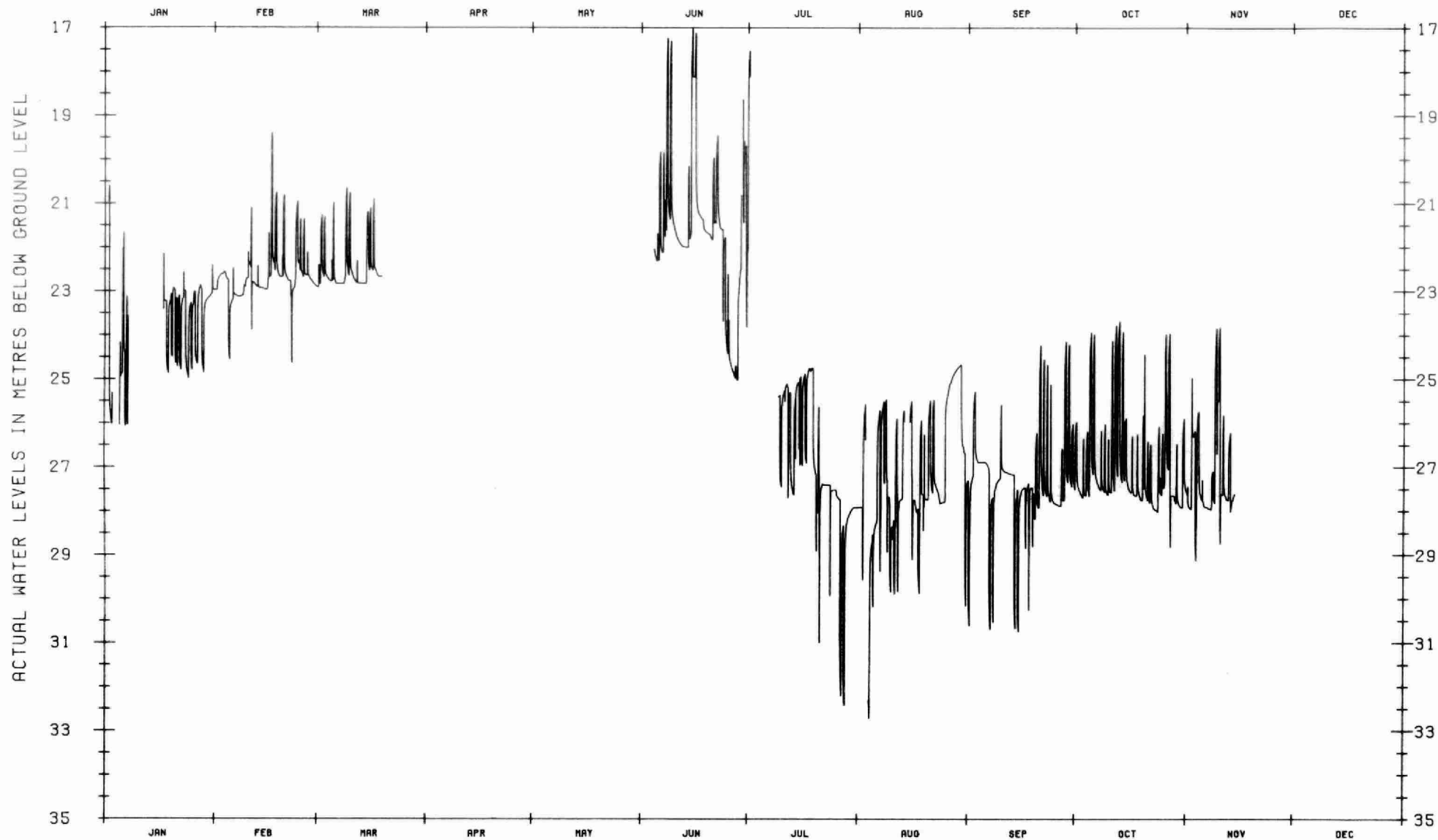




ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 082
CITY OF KITCHENER

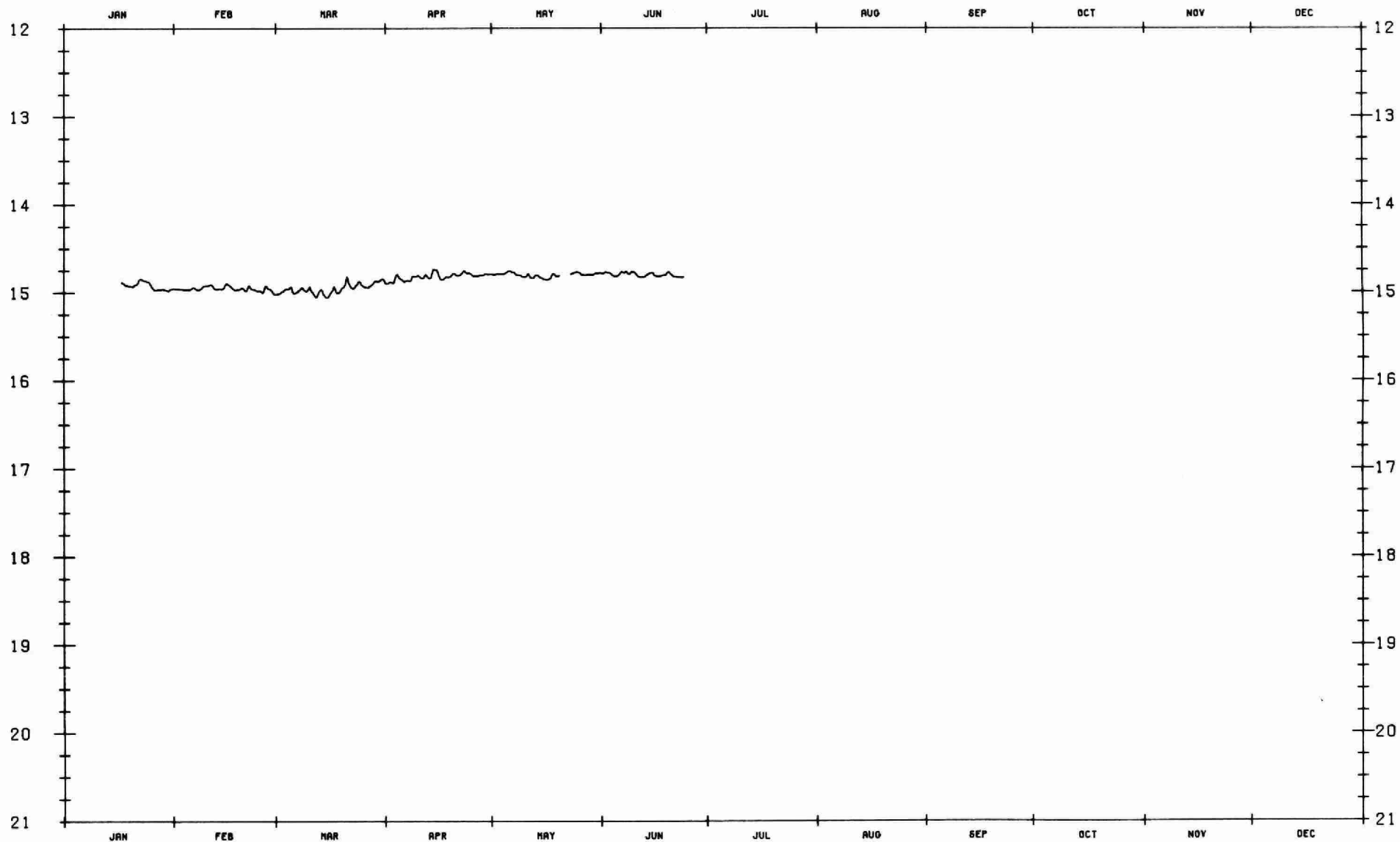


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 396
TOWNSHIP OF WILMOT

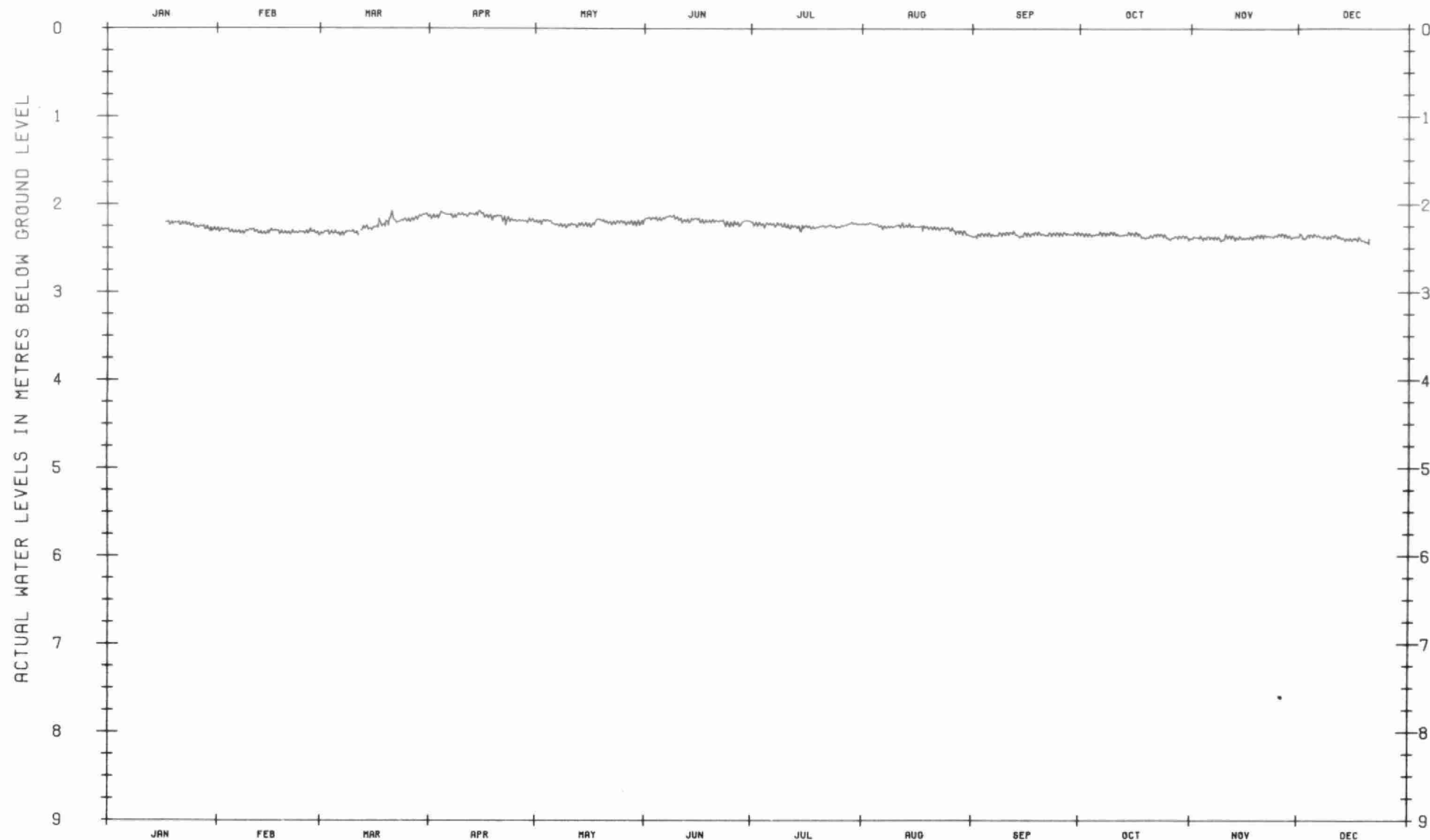
51
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 514
TOWNSHIP OF WILMOT



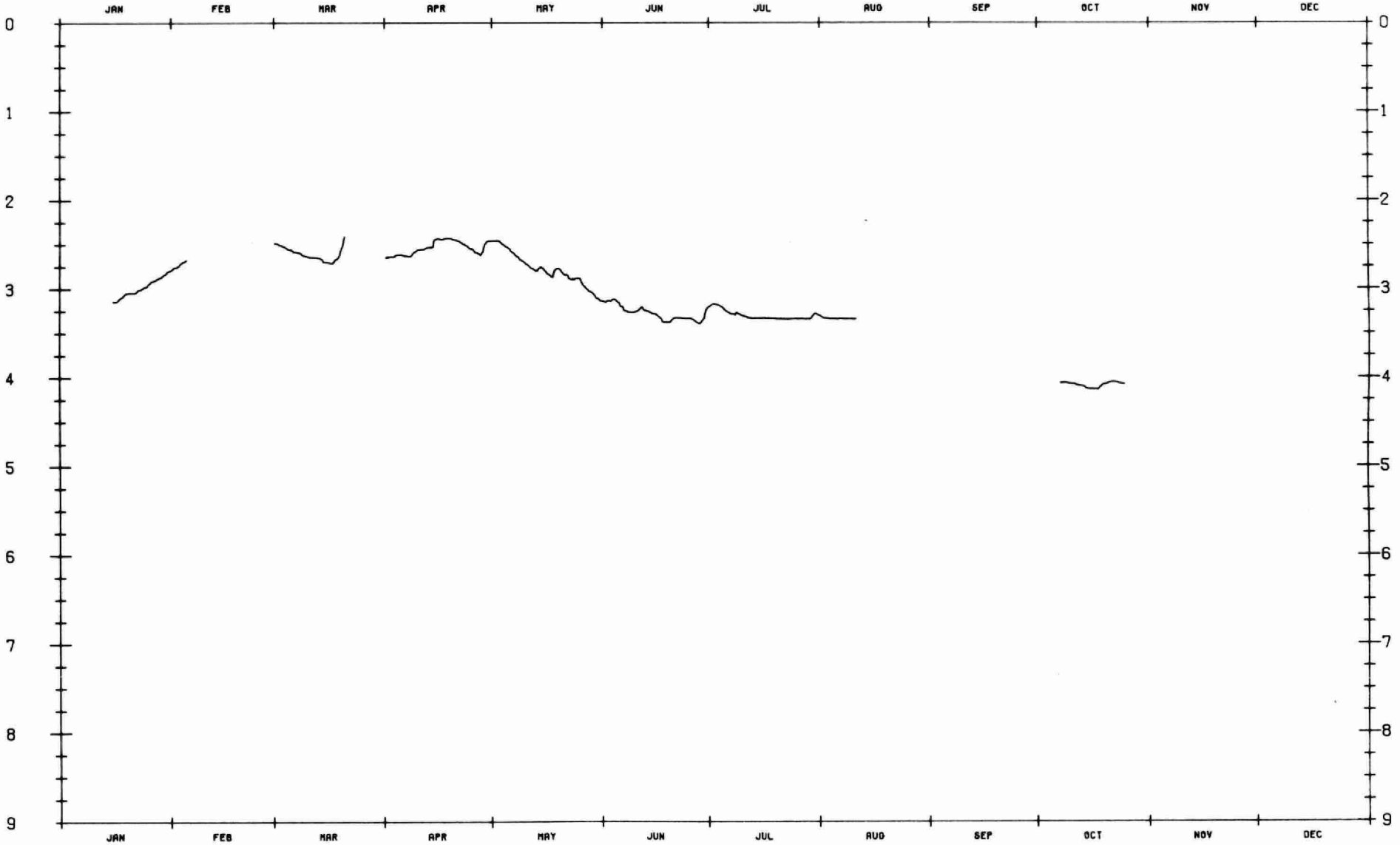
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 551
VILLAGE OF ERIN

ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

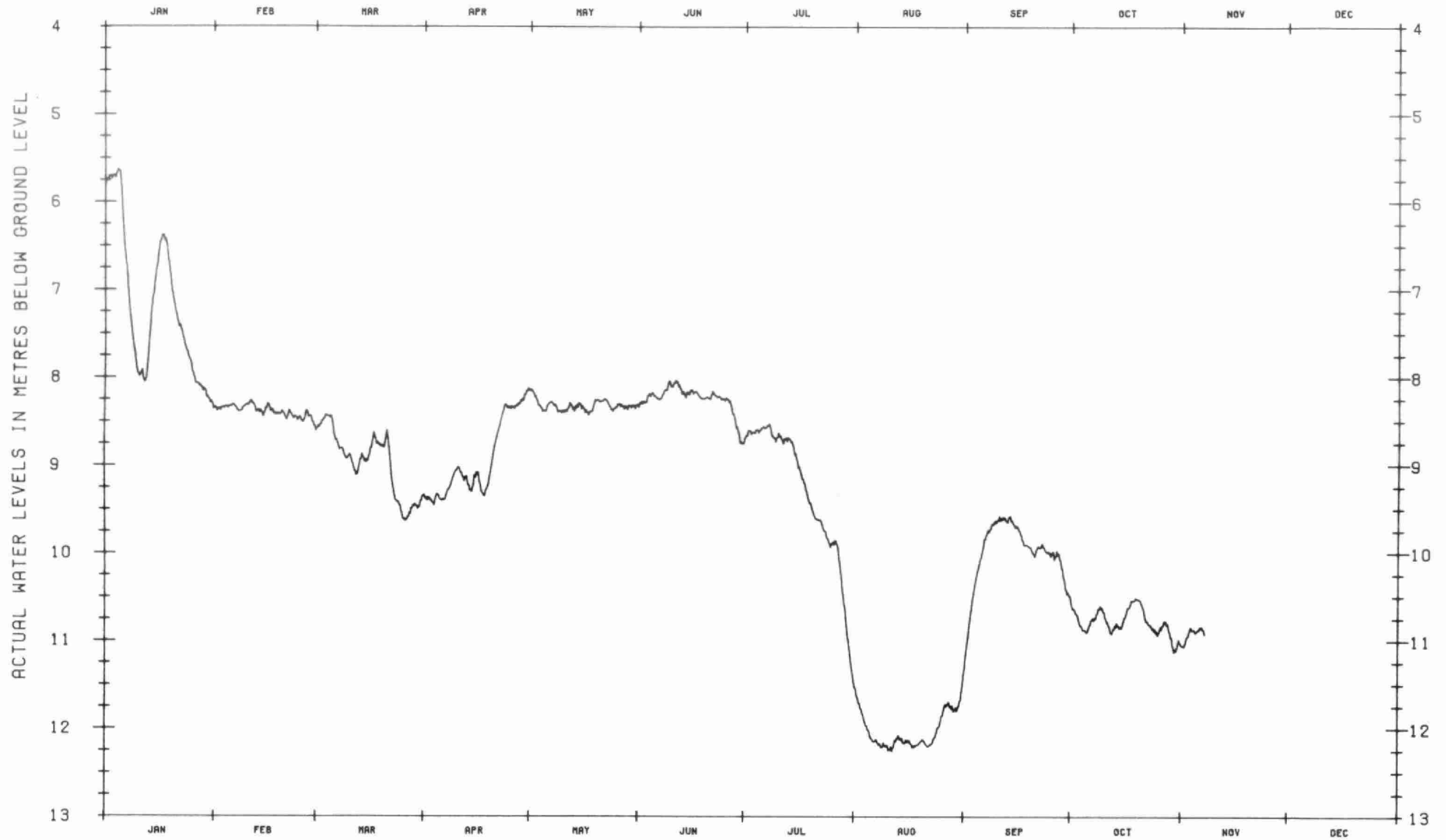
55



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 537
TOWNSHIP OF GUELPH





OBSERVATION WELL DISTRIBUTION

Central Region

③

Ministry of the
Environment
Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE

DON MILLS
150 Ferrand Dr.
416-424-3000

DISTRICT OFFICES

Barrie
12 Fairview Rd.
705-726-1730
Muskoka-Haliburton
Gravenhurst Shopping
Centre
705-687-3408

Peterborough
139 George St. N.
705-743-2972

Halton-Peel
125 Cross Ave. Oakville
416-822-2566

LEGEND

Regional Office



District Office



Recording Observation Well

Number of Recording Wells
in same location

Manually Measured Well

Number of Manually Measured Wells
in same location

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 526

TOWNSHIP OF CLARKE

CONC. 10 LOT 28

WELL REC #1 1902683
UTM CO-ORD: 7=17 6687880 N4881670
LAT & LONG: 43=55N08W 78=37E8T

REC METHOD: A35 RECORDER
REC COMM: FEB. 27 1968
MEASURE PT: 0.8 METRES ABOVE GROUND SURFACE
GND ELEV: 364 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: DIRTY SAND, GRAVEL AND BOULDERS 6.1; SAND AND GRAVEL 58.6; GREY SILTY TILL 60.7; SAND AND GRAVEL WITH SOME SILT LENSES 84.5; SILTY SANDY TILL 102.2; FINE TO MEDIUM SAND WITH SILTY LENSES AT ONE HUNDRED TEN METRES 113.3; SILTY SANDY TILL 116.8; SAND AND GRAVEL 119.3; SILTY CLAY 122.3; SILTY SAND AND GRAVEL 122.9.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 116.6 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 117.7 METRES

PUMP RATE: 0.8 L/S
SPEC. CAP: N/A
AQUIFER: 1 SAND AND GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	53.71	53.76	54.01	54.18	54.79	53.52	54.67	54.64	54.59	54.57	54.41	54.57	1
2	53.71	53.76	53.97	54.13	54.73	53.76	54.67	54.64	54.64	54.56	53.78	53.77	2
3	53.73	53.76	53.95	53.94	53.91	54.46	54.67	54.63	54.67	54.54	53.56	53.60	3
4	53.73	53.77	53.94	53.79	53.58	54.38	54.67	54.66	54.68	54.59	53.47	53.58	4
5	53.71	53.78	53.94	53.81	53.67	53.81	54.65	54.67	54.66	54.64	54.14	53.53	5
6	53.71	53.78	53.99	53.83	54.44	54.36	54.67	54.67	54.66	54.64	54.51	53.50	6
7	53.64	53.79	53.99	53.79	54.66	54.59	54.68	54.68	54.67	54.61	54.58	53.48	7
8	53.72	53.87	53.96	54.03	54.73	54.63	54.65	54.65	54.67	54.58	54.65	53.43	8
9	53.74	54.67	53.96	53.89	54.53	54.65	54.66	54.65	54.65	54.62	54.63	53.44	9
10	53.74	54.97	53.96	53.72	53.75	53.96	54.66	54.66	54.66	54.62	54.68	53.44	10
11	53.64	55.05	53.97	53.69	53.51	53.75	54.65	54.65	54.66	54.57	53.78	53.50	11
12	53.71	55.11	54.05	53.64	53.74	54.44	54.66	54.64	54.68	54.61	53.56	53.45	12
13	53.74	55.17	54.02	53.62	54.46	54.58	54.67	54.66	54.68	54.61	53.60	53.44	13
14	53.86	55.18	53.98	53.56	54.60	54.60	54.66	54.66	54.65	54.65	54.34	53.45	14
15	54.40	55.18	54.05	53.88	53.87	54.63	54.65	54.65	54.65	54.65	54.58	53.49	15
16	53.95	55.14	54.05	54.65	53.59	54.68	54.64	54.64	54.62	54.65	54.65	53.50	16
17	53.76	55.18	53.99	54.82	53.48	54.69	54.65	53.60	53.43	54.63	54.66	53.46	17
18	53.73	55.21	54.02	54.53	53.40	54.68	54.68	53.73	53.49	54.56	54.64	53.45	18
19	53.73	55.21	54.07	53.79	53.41	54.67	54.68	54.41	53.52	54.61	54.67	53.48	19
20	53.73	55.21	54.04	53.59	53.74	54.64	54.45	54.56	53.84	54.62	54.68	53.51	20
21	53.72	55.23	53.96	53.55	54.45	54.69	54.02	54.62	53.47	54.63	54.65	53.50	21
22	53.67	55.21	54.04	53.76	54.63	54.70	54.50	54.64	53.41	54.67	54.70	53.47	22
23	53.68	55.23	54.09	54.50	54.68	54.69	54.61	54.66	54.08	54.70	54.69	53.43	23
24	53.68	55.24	54.05	54.71	54.68	54.69	54.65	54.67	54.46	54.65	54.67	53.43	24
25	53.70	55.01	54.04	54.76	54.69	54.68	54.65	54.66	54.52	54.58	54.69	53.48	25
26	53.74	54.25	54.09	54.79	54.72	54.62	54.65	54.66	54.55	54.58	54.72	53.47	26
27	53.76	54.00	54.07	54.79	54.72	54.57	54.65	54.65	54.60	54.59	54.69	53.49	27
28	53.74	53.99	54.14	54.79	54.72	54.64	54.65	54.67	54.60	53.84	54.62	53.47	28
29	53.75	54.00	54.09	54.78	54.72	54.64	54.63	54.64	54.60	54.20	54.62	53.45	29
30	53.77		53.99	54.78	54.65	54.64	54.64	54.60	54.58	54.18	54.69	53.45	30
31	53.75		53.95		53.84		54.66	54.60		54.72		53.45	31

MONTHLY SUMMARY

MEAN		54.61	54.01	54.14	54.23	54.47	54.62	54.56	54.35	54.55	54.40	53.52	MEAN
INST		53.75	53.93	53.49	53.39	53.43	53.71	53.43	53.35	53.66	53.46	53.40	INST
MAX	(1)	(5)		(14)	(18)	(2)	(21)	(18)	(22)	(28)	(4)	(8)	MAX
INST		55.26	54.33	54.83	54.80	54.70	54.69	54.68	54.69	54.70	54.72	54.70	INST
MIN		(25)	(28)	(17)	(2)	(21)	(18)	(28)	(13)	(23)	(26)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 509

TOWNSHIP OF DARLINGTON

CONC. 7 LOT 21

WELL REC #1 1901733
UTM CO-ORD: 7=17 6678301 N4874336
LAT & LONG: 44=01N08W 78=47E8T

REC METHOD: A35 RECORDER
REC COMM: AUG. 11 1966
MEASURE PT: 0.90 METRES ABOVE GROUND SURFACE
GND ELEV: 194 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY TILL (FACED ZONE) 4.3; SAND AND GRAVEL 4.6; SILTY TILL 11.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 4.6 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 6.1 METRES

PUMP RATE: N/A
SPEC. CAP: N/A
AQUIFER: 1 SILTY TILL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.84	2.28					2.00						1
2	1.84	2.28					1.99						2
3		2.30					2.02						3
4		2.30					2.05						4
5		2.30					2.07						5
6		2.30					2.09						6
7		2.30					2.12						7
8		2.30					2.13						8
9		2.30					2.14						9
10		2.30					2.16						10
11		2.30					2.16						11
12		2.30					2.17						12
13		2.29					2.18						13
14		2.29					2.20						14
15		2.29					2.21						15
16		2.29					2.21						16
17		2.28					2.21						17
18		2.26					2.21						18
19		2.26					2.22						19
20		2.26					2.22						20
21		2.26											21
22		2.27											22
23		2.27											23
24	2.21	2.19											24
25	2.23	2.10											25
26	2.24	2.05											26
27	2.25		1.93										27
28	2.25		1.95										28
29	2.25		1.97										29
30	2.26		1.99										30
31	2.27												31

MONTHLY SUMMARY

MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENTAL ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL #05
TOWNSHIP OF PICKERING

COND. 8
LOT 20

WELL REC #1 4605R30
UTM CO-ORDS: 7-17 E451008 N4864396
LAT & LONG: 43-55N047W 79-04W05T

REC METHOD: A35 RECORDER
REC COMCD: MAY 16 1974
MEASURE P1: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 202 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROKEN SANDY CLAY, GRAVEL 10.7; SAND, FINE GRAVEL, SILTY CLAY 12.2; GREY FINE SAND, SILT 20.4; GRAVEL, SAND, BOULDERS 25; GREY CLAY, SAND 29.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 25.5 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 26.4 METRES

PUMP RATE: 1 L/S
SPEC. CAP: 0.01 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.13	8.79	9.35	9.39	8.73	8.84	9.14						1
2	9.11	8.80	9.33	9.39	8.72	8.85	9.15						2
3	9.14	8.81	9.28	9.37	8.68	8.85	9.15						3
4	9.16	8.81	9.25	9.22	8.65	8.92	9.15						4
5	9.10	8.82	9.25	9.24	8.59	8.96	9.13						5
6	9.08	8.85	9.34	9.33	8.58	8.93	9.15						6
7	8.94	8.86	9.39	9.33	8.61	8.89	9.18						7
8	9.05	8.88	9.36	9.29	8.65	8.86	9.15						8
9	9.13	8.91	9.35	9.21	8.68	8.91	9.17						9
10	9.16	8.87	9.35	9.18	8.70	8.92	9.18						10
11	8.99	8.85	9.36	9.18	8.67	9.01	9.17						11
12	9.00	8.86	9.47	9.13	8.70	9.06	9.19						12
13	9.12	8.95	9.46	9.08	8.71	9.04	9.22						13
14	9.03	8.99	9.37	9.02	8.72	8.98	9.23						14
15	9.08	8.90	9.47	8.83	8.79	8.95	9.22						15
16	9.08	9.00	9.50	8.67	8.83	9.00	9.21						16
17	8.99	8.95	9.39	8.95	8.83	9.03	9.21						17
18	8.96	9.02	9.40	8.86	8.73	9.03							18
19	8.98	9.07	9.50	8.81	8.72	9.02							19
20	9.00	9.04	9.46	8.73	8.76	8.99							20
21	8.97	9.07	9.34	8.72	8.76	9.06							21
22		9.12	9.42	8.71	8.76	9.08							22
23	8.55	9.09	9.54	8.65	8.76	9.09							23
24	8.50	9.14	9.48	8.66	8.75	9.09							24
25	8.57	9.16	9.43	8.64	8.74	9.09							25
26	8.62	9.21	9.49	8.74	8.80	9.09							26
27	8.73	9.18	9.51	8.75	8.83	9.10							27
28	8.76	9.17	9.46	8.74	8.84	9.12							28
29	8.75	9.27	9.39	8.72	8.84	9.09							29
30	8.76		9.38	8.72	8.84	9.08							30
31	8.80		9.36		8.82								31
-MONTHLY SUMMARY-													
MEAN		8.98	9.40	8.98	8.74	9.00							MEAN
INST		8.79	9.25	8.64	8.57	8.82							INST
MAX	(1)	(5)	(23)	(6)	(1)								MAX
INST		9.33	9.54	9.40	8.84	9.12							INST
MIN		(29)	(23)	(2)	(28)	(26)							MIN

ENVIRONMENTAL ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL #06
TOWN OF PICKERING

COND. 8
LOT 24

WELL REC #1 4605R33
UTM CO-ORDS: 7-17 E665842 N4868419
LAT & LONG: 43-57N047W 79-09W05T

REC METHOD: A35 RECORDER
REC COMCD: MAY 24 1974
MEASURE P1: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 242 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: HARD BROWN CLAY AND GRAVEL 3.1; HARD GREY CLAY AND GRAVEL 9.2; GREY FINE SAND 11.9; HARD PACKED GREY CLAY AND GRAVEL 13.2; PACKED GREY FINE SAND AND FINE GRAVEL 14; HARD PACKED GREY CLAY AND GRAVEL 15.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 11 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 11.9 METRES

PUMP RATE: 0.5 L/S
SPEC. CAP: 0.007 L/S/M
AQUIFER: FINE SAND
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.09		0.94	0.51	0.07	0.56	0.62	0.43	0.60	0.59	0.28	0.18	1
2	0.09		0.95	0.49	0.07	0.57	0.63	0.41	0.71	0.60	0.32	0.16	2
3	0.09		0.93	0.44	0.07	0.58	0.63	0.36	0.74	0.60	0.33	0.14	3
4	0.08		0.91	0.36 E	0.09	0.58	0.64	0.36	0.78	0.63	0.29	0.14	4
5	0.09		0.91	0.32 E	0.11	0.60	0.64	0.38	0.81	0.63	0.28	0.14	5
6	0.10		0.94	0.33 E	0.15	0.59	0.66	0.40	0.81	0.63	0.29	0.14	6
7	0.14		0.97	0.32 E	0.19	0.58	0.70	0.43	0.80	0.67	0.26	0.14	7
8	0.15		0.97	0.30 E	0.24	0.56	0.70	0.44	0.78	0.71	0.25	0.17	8
9	0.15		0.96	0.25 E	0.27	0.57	0.72	0.47	0.76	0.71	0.23	0.20	9
10	0.15		0.96	0.22 E	0.30	0.57	0.73	0.49	0.75	0.69	0.22	0.21	10
11	0.26		0.95	0.22 E	0.31	0.62	0.74	0.52	0.74	0.70	0.25	0.22	11
12	0.36		0.99	0.19 E	0.34	0.65	0.76	0.54	0.71	0.70	0.27	0.22	12
13	0.38		1.00	0.16 E	0.35	0.65	0.79	0.58	0.69	0.68	0.27	0.23	13
14	0.35		0.96	0.14 E	0.34	0.65	0.81	0.59	0.67	0.68	0.24	0.23	14
15	0.33		1.00	0.10 E	0.35	0.65	0.81	0.61	0.67	0.69	0.23	0.23	15
16	0.36		1.03	0.09 E	0.39	0.65	0.80	0.64	0.64	0.68	0.23	0.23	16
17	0.35		0.99	0.11 E	0.41	0.68	0.80	0.67	0.66	0.66	0.25	0.24	17
18	0.35		0.96	0.11 E	0.33	0.69	0.86	0.69	0.62	0.65	0.25	0.23	18
19	0.33		0.99	0.11 E	0.31	0.69	0.87	0.68	0.60	0.52	0.27	0.21	19
20	0.31		0.97	0.11 E	0.31	0.61	0.85	0.69	0.59	0.50	0.29		20
21	0.31	0.82	0.88	0.12 E	0.35	0.63	0.84	0.65	0.60	0.50	0.29		21
22		0.84	0.85	0.14 E	0.35	0.63	0.82	0.63	0.59	0.50	0.29		22
23		0.84	0.86	0.15 E	0.37	0.63	0.81	0.59	0.60	0.53	0.28		23
24		0.85	0.84	0.18	0.40	0.63	0.81	0.57	0.57	0.52	0.25		24
25		0.86	0.81	0.19	0.42	0.64	0.81	0.57	0.57	0.43	0.23		25
26		0.88	0.81	0.22	0.47	0.65	0.81	0.56	0.60	0.33	0.24		26
27		0.85	0.81	0.25	0.50	0.65	0.81	0.56	0.59	0.33	0.24		27
28		0.86	0.75	0.20	0.50	0.65	0.80	0.53	0.58	0.32	0.20		28
29		0.91	0.67	0.13	0.54	0.64	0.65	0.51	0.58	0.31	0.17		29
30			0.62	0.09	0.54	0.61	0.53	0.53	0.58	0.31	0.17		30
31			0.54		0.54		0.49	0.57		0.29			31
-MONTHLY SUMMARY-													
MEAN	0.26	0.56	0.89	0.22	0.32	0.62	0.74	0.54	0.67	0.55	0.26		MEAN
INST	0.08	0.42	0.51	0.08	0.07	0.55	0.45	0.36	0.57	0.28	0.17		INST
MAX	(1)	(19)	(31)	(30)	(2)	(1)	(31)	(2)	(25)	(31)	(29)		MAX
INST	0.43	0.93	1.04	0.51	0.55	0.70	0.88	0.69	0.81	0.72	0.33		INST
MIN	(28)	(29)	(16)	(1)	(31)	(19)	(20)	(18)	(5)	(8)	(2)		MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 437

TOWNSHIP OF ESQUEWING

CONC. 1

LOT 26

WELL REC #1 2800686
UTM CO-ORDS: 2-17 E576800 N4828000
LAT & LONG: 43-36NORTH 80-03WEST

REC METHOD: A35 RECORDED
REC COMM: MAY 1968
MEASURE D1: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 366 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY TILL 1.41 BEDROCK 15.3.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 7.9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 15.3 METRES

PUMP RATE: 0.3 L/S
SPEC. CAP: 0.009 L/S/M
ADUTFR: 1 RUCK
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.08		1.16 E		-0.08 E	0.72 E	0.98 E	1.10 E	1.55 E	1.59 E	1.25	1.35	1
2	0.10		1.17 E		-0.06 E	0.70 E	1.00 E	1.12 E	1.55 E	1.58 E	1.28	1.03	2
3	0.13		1.18 E		-0.09 E	0.66 E	1.03 E	1.15 E	1.56 E	1.54 E	1.28	0.87	3
4	0.19 E		1.19 E		-0.03 E	0.67 E	1.06 E	1.19 E	1.57 E	1.40 E	1.27	0.65	4
5	0.23 E		1.20 E		0.02 E	0.70 E	1.09 E	1.22 E	1.58 E	1.43 E	1.29	0.66	5
6	0.29 E	0.87 E	1.23 E		0.08 E	0.72 E	1.13 E	1.25 E	1.59 E	1.45 E	1.29	0.70	6
7	0.30 E	0.90 E	1.22 E		0.13 E	0.71 E	1.16 E	1.27 E	1.61 E	1.46 E	1.29	0.72	7
8	0.36 E	0.93 E	1.21 E		0.17 E	0.67 E	1.17 E	1.29 E	1.62 E	1.46 E	1.29	0.58	8
9	0.43 E	0.93 E	1.21 E		0.21 E	0.68 E	1.20 E	1.30 E	1.63 E	1.49 E	1.26	0.44	9
10	0.47 E	0.94 E	1.19 E		0.25 E	0.72 E	1.22 E	1.33 E	1.65 E	1.50	1.29	0.43	10
11	0.20 E	0.95 E	1.13 E		0.27 E	0.77 E	1.24 E	1.35 E	1.67 E	1.53	1.29	0.49	11
12	0.02 E	0.98 E	1.13 E		0.32 E	0.81 E	1.26 E	1.35 E	1.67 E	1.55	1.28	0.54	12
13	0.07 E	1.01 E	1.11 E		0.28 E	0.83 E	1.28 E	1.38 E	1.67 E	1.56	1.29	0.59	13
14	0.11 E	1.02 E	1.10 E		0.14 E	0.84 E	1.29 E	1.39 E	1.65 E	1.56	1.29	0.63	14
15	0.16 E	1.03 E	1.12 E		0.19 E	0.86 E	1.29 E	1.39 E	1.57	1.57	1.31	0.68	15
16	0.17 E	1.03 E	1.11 E		0.25 E	0.89 E	1.30 E	1.41 E	1.58	1.58	1.30	0.73	16
17	0.18 E	1.05 E	1.02 E		0.29 E	0.91 E	1.31 E	1.42 E	1.65 E	1.58	1.30	0.77	17
18	0.20 E	1.07 E	0.50 E		0.06 E	0.93 E	1.33 E	1.43 E	1.65 E	1.48	1.30	0.84	18
19	0.22 E	1.07 E	0.33 E		0.07 E	0.95 E	1.35 E	1.44 E	1.67 E	1.47	1.31	0.88	19
20	0.24 E	1.08 E	0.09 E		0.13 E	0.91 E	1.36 E	1.45 E	1.67 E	1.47	1.32	0.93	20
21	0.25 E	1.10 E	-0.20 E		0.19 E	0.92 E	1.36 E	1.45 E	1.68 E	1.47	1.32	0.94	21
22	0.27 E	1.09 E	-0.25 E		0.25 E	0.94 E	1.34 E	1.47 E	1.69 E	1.48	1.34	0.95	22
23	0.31 E	1.09 E	-0.21 E		0.32 E	0.97 E	1.28 E	1.49 E	1.55 E	1.50	1.34	0.98	23
24		1.08 E	-0.20 E		0.37 E	0.99 E	1.31 E	1.51 E	1.55 E	1.48	1.34	1.02	24
25		1.09 E	-0.19 E	0.16 E	0.44 E	1.02 E	1.32 E	1.52 E	1.58 E	1.39	1.35	1.03	25
26		1.11 E	-0.19 E	0.18 E	0.51 E	1.04 E	1.34 E	1.53 E	1.55 E	1.18	1.37	1.07	26
27		1.09 E	-0.19 E	0.20 E	0.56 E	1.06 E	1.36 E	1.54 E	1.55 E	1.18	1.35	1.07	27
28		1.11 E		-0.03 E	0.61 E	1.08 E	1.24 E	1.55 E	1.56 E	1.19	1.33	1.08	28
29		1.14 E		-0.16 E	0.66 E	1.06 E	1.02 E	1.56 E	1.58 E	1.22	1.32	1.09	29
30				-0.12 E	0.69 E	0.99 E	1.06 E	1.56 E	1.58 E	1.22	1.35	1.11	30
31					0.72 E		1.09 E	1.54 E		1.22		1.12	31
-MONTHLY SUMMARY-													
MEAN					0.86	0.86	1.22	1.39		1.44	1.31	0.81	MEAN
INST					-0.11	0.64	0.97	1.09		1.18	1.23	0.42	INST
MAX					(3)	(3)	(1)	(1)		(26)	(1)	(9)	MAX
INST					0.73	1.09	1.37	1.57		1.59	1.37	1.35	INST
MIN					(31)	(28)	(22)	(30)		(3)	(26)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 377

TOWN OF GEORGETOWN

CONC. -

LOT -

WELL REC #1 2804289
UTM CO-ORDS: 2-17 E586240 N4832900
LAT & LONG: 43-39NORTH 79-56WEST

REC METHOD: A35 RECORDED
REC COMM: APR 26 1973
MEASURE D1: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 262 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: RED CLAY, SAND AND GRAVEL 8.21 FINE SAND 24.41 COARSE SAND 33.2.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 26.5 METRES
LENGTH OF SCREEN: 6.7 METRES
DEPTH OF WELL: 33.2 METRES

PUMP RATE: 3.4 L/S
SPEC. CAP: N/A
ADUTFR: 1 COARSE SAND
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.70	2.70	2.75	2.67	2.37	2.13	2.06	2.17	2.39	2.78	2.44	3.19	1
2	2.71	2.70	2.71	2.65	2.36	2.07	2.06	2.18	2.41	2.71	2.37	3.18	2
3	2.71	2.70	2.69	2.64	2.34	2.06	2.06	2.18	2.42	2.70	2.63	3.17	3
4	2.71	2.70	2.68	2.63	2.32	2.05	2.10	2.32	2.43	2.70	2.78	3.18	4
5	2.71	2.70	2.68	2.62	2.31	2.14	2.08	2.25	2.44	2.71	2.82	3.19	5
6	2.70	2.66	2.68	2.62	2.30	2.08	2.27	2.24	2.52	2.72	2.85	3.20	6
7	2.70	2.76	2.68	2.75	2.30	2.06	2.16	2.30	2.46	2.72	2.87	3.21	7
8	2.70	2.73	2.68	2.76	2.28	2.05	2.11	2.25	2.48	2.73	2.96	3.21	8
9	2.79	2.71	2.69	2.74	2.35	2.04	2.10	2.25	2.48	2.75	2.93	3.21	9
10	2.73	2.70	2.75	2.74	2.27	2.03	2.09	2.25	2.49	2.76	2.94	3.22	10
11	2.75	2.69	2.71	2.73	2.22	2.04	2.09	2.40	2.50	2.76	2.96	3.26	11
12	2.70	2.69	2.70	2.65	2.23	2.04	2.09	2.29	2.50	2.77	3.03	3.24	12
13	2.68	2.79	2.70	2.63	2.22	2.05	2.10	2.28	2.51	2.78	3.00	3.24	13
14	2.68	2.76	2.70	2.70	2.22	2.02	2.16	2.27	2.51	2.79	3.00	3.25	14
15	2.68	2.71	2.71	2.56	2.30	2.02	2.13	2.27	2.62	2.80	3.00	3.25	15
16	2.78	2.69	2.71	2.54	2.21	2.07	2.11	2.42	2.56	2.81	3.01	3.26	16
17	2.71	2.68	2.71	2.53	2.19	2.03	2.12	2.43	2.56	2.81	3.02	3.26	17
18	2.70	2.68	2.70	2.52	2.17	2.02	2.13	2.34	2.57	2.82	3.03	3.26	18
19	2.70	2.75	2.70	2.52	2.15	2.02	2.29	2.31	2.57	2.82	3.04	3.27	19
20	2.69	2.71	2.74	2.51	2.12	2.01	2.19	2.31	2.58	2.70	3.06	3.47	20
21	2.69	2.68	2.66	2.50	2.12	2.02	2.16	2.32	2.59	2.67	3.07	3.40	21
22	2.69	2.67	2.62	2.48	2.11	2.08	2.15	2.32	2.59	2.60	3.08	3.43	22
23	2.68	2.67	2.62	2.47	2.33	2.06	2.15	2.33	2.60	2.61	3.19	3.64	23
24	2.76	2.66	2.62	2.47	2.16	2.48	2.15	2.34	2.61	2.75	3.14	3.74	24
25	2.71	2.80	2.62	2.46	2.13	2.22	2.16	2.56	2.62	2.79	3.12	3.86	25
26	2.70	2.71	2.62	2.45	2.11	2.27	2.17	2.42	2.63	2.81	3.16	3.85	26
27	2.70	2.68	2.62	2.44	2.10	2.14	2.17	2.39	2.64	2.84	3.14	3.78	27
28	2.70	2.78	2.62	2.42	2.09	2.09	2.16	2.39	2.65	2.68	3.15	3.65	28
29	2.75	2.71	2.61	2.38	2.08	2.07	2.14	2.39	2.66	2.62	3.24	3.56	29
30	2.72		2.61	2.42	2.08	2.06	2.14	2.40	2.66				30
31	2.70		2.79		2.23		2.16	2.38		2.70		3.53	31
-MONTHLY SUMMARY-													
MEAN	2.71	2.72	2.68	2.57	2.22	2.08	2.14	2.32	2.54	2.74	2.97	3.38	MEAN
INST	2.43	2.41	2.37	2.37	1.77	1.77	1.82	1.95	2.20	2.38	2.33	3.01	INST
MAX	(29)	(26)	(31)	(30)	(31)	(22)	(6)	(4)	(7)	(24)	(3)	(20)	MAX
INST	3.43	3.37	3.39	3.38	3.01	2.96	2.96	3.15	3.26	3.49	3.73	4.33	INST
MIN	(11)	(6)	(1)	(7)	(9)	(24)	(4)	(25)	(15)	(20)	(30)	(28)	MIN

ENVIRONMENTAL ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 374

TOWNSHIP OF THAFALGAR

CONC. 3

LOT 14

WELL REC #1 2803707
UTM CO-ORD: 7-17 E591175 N481d750
LAT & LONG: 43-31N00W 79-52W57

REC METHOD: 151 TYPE RECORDER

REC COMMD: SEP 29 1971

MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE

GND ELEV: 201 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: TOPSOIL 0.3; VERY HARD CLAY TILL 2.1; GRAVEL AND SOME GREY CLAY 2.6; BROWNISH CLAY 3.5.

DIAMETER OF WELL: 10 CM

LENGTH OF CASING: 2.4 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 9 METRES

PUMP RATE: N/A

SPEC. CAP: N/A

AQUIFER: CLAY

QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.52	1.10	1.58	1.18		1.14	1.31	1.42		2.01	2.00	1.91	1
2	0.52	1.12	1.59	1.13		1.17	1.31	1.41		2.01	1.99	1.91	2
3	0.53	1.14	1.60	1.08		1.19	1.31	1.40		2.02	1.98	1.90	3
4	0.56	1.16	1.60	1.02		1.22	1.31	1.40		2.03	1.97	1.80	4
5	0.58	1.18	1.60	0.93		1.24	1.31	1.40		2.05	1.95	1.71	5
6	0.61	1.19	1.60	0.84		1.24	1.32	1.41		2.06	1.94	1.65	6
7	0.65	1.21	1.61	0.79		1.25	1.33	1.42		2.07	1.93	1.59	7
8	0.66	1.23	1.61	0.77		1.27	1.34	1.42		2.08	1.92	1.47	8
9	0.70	1.25	1.62	0.71		1.29	1.34	1.42		2.04	1.92	1.39	9
10	0.73	1.26	1.62	0.62	0.73	1.32	1.35	1.42		2.00	1.91	1.32	10
11	0.76	1.28	1.63	0.58	0.77	1.33	1.36		1.79	2.00	1.91	1.25	11
12	0.74	1.30	1.63	0.52	0.81	1.34	1.36		1.80	2.00	1.91	1.20	12
13	0.72	1.32	1.64	0.46	0.84	1.34	1.37		1.81	2.00	1.91	1.16	13
14	0.71	1.33	1.64	0.42	0.88	1.34	1.38		1.83	2.01	1.91	1.13	14
15	0.71	1.35	1.65		0.94	1.34	1.40		1.84	2.01	1.91	1.11	15
16	0.72	1.37	1.65		0.99	1.34	1.40		1.85	2.02	1.91	1.10	16
17	0.75	1.38	1.65		1.02	1.34	1.41		1.86	2.02	1.91	1.10	17
18	0.77	1.40	1.66		1.03	1.34	1.41		1.87	2.02	1.91	1.10	18
19	0.80	1.41	1.66		1.01	1.34	1.42		1.88	2.02	1.91	1.10	19
20	0.82	1.43	1.67		1.00	1.34	1.42		1.89	2.02	1.91	1.12	20
21	0.85	1.45	1.67		1.00	1.33	1.43		1.90	2.03	1.91	1.14	21
22	0.85	1.47	1.67		1.00	1.33	1.44		1.91	2.04	1.91	1.15	22
23	0.87	1.49	1.68		1.00	1.33	1.46		1.92	2.04	1.91	1.17	23
24	0.89	1.50	1.68		1.01	1.33	1.47		1.93	2.05	1.91	1.18	24
25	0.92	1.52	1.57		1.01	1.33	1.49		1.94	2.05	1.91	1.20	25
26	0.95	1.53	1.48		1.03	1.32	1.50		1.96	2.05	1.91	1.22	26
27	0.97	1.54	1.41		1.05	1.32	1.51		1.97	2.05	1.91	1.24	27
28	1.00	1.55	1.35		1.07	1.32	1.52		1.98	2.05	1.91	1.26	28
29	1.03	1.57	1.30		1.09	1.32	1.52		1.99	2.05	1.91	1.28	29
30	1.05		1.25		1.11	1.31	1.47		2.00	2.04	1.91	1.29	30
31	1.07		1.21		1.13		1.44			2.02		1.31	31
-MONTHLY SUMMARY-													
MEAN	0.77	1.35	1.57			1.30	1.40			2.03	1.92	1.34	MEAN
INST	0.52	1.08	1.20			1.14	1.31			2.00	1.91	1.10	INST
MAX	(1)	(1)	(31)			(1)	(5)			(10)	(30)	(18)	MAX
INST	1.08	1.57	1.68			1.34	1.53			2.09	2.01	1.91	INST
MIN	(31)	(29)	(23)			(15)	(28)			(9)	(1)	(1)	MIN

ENVIRONMENTAL ONTARIO
TORONTO
NORTHUMBERLAND COUNTY

OBSERVATION WELL 530

TOWNSHIP OF HOPE

CONC. 3

LOT 26

WELL REC #1 1901998
UTM CO-ORD: 2-17 E707800 N4870500
LAT & LONG: 43-58N00W 78-25W57

REC METHOD: A35 RECORDER

REC COMMD: OCT. 25 1977

MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE

GND ELEV: 146 METRES ABOVE SEA LEVEL

WELL TYPE: BORED

WELL LOG: TOPSOIL 0.31 SANDY BROWN CLAY 3.7; GRAVELLY BROWN CLAY 6.9

DIAMETER OF WELL: 76 CM

LENGTH OF CASING: 6.9 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 6.90 METRES

PUMP RATE: 0.15 L/S

SPEC. CAP: N/A

AQUIFER: GRAVELLY BROWN CLAY

QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.14	1.75	2.19	1.54	1.02	1.85	1.74	1.73		2.24	1.73	1.35	1
2	1.16	1.78	2.20	1.50	1.09	1.86	1.71	1.74		2.25	1.75	1.27	2
3	1.21	1.81	2.20	1.46	1.14	1.87	1.71	1.77		2.26	1.76	1.07	3
4	1.27	1.84	2.21	1.33	1.21	1.88	1.72	1.81		2.28	1.75	1.15	4
5	1.33	1.87	2.21	1.20	1.26	1.88	1.73	1.84		2.29	1.75	1.22	5
6	1.40	1.90	2.23	1.20	1.31	1.89	1.77	1.87		2.30	1.76	1.24	6
7	1.44	1.92	2.24	1.20	1.35	1.90	1.81	1.90		2.30	1.75	1.31	7
8	1.49	1.95	2.25	1.19	1.39	1.89	1.83	1.92		2.29	1.73	1.24	8
9	1.54	1.97	2.25	0.95	1.42	1.88	1.86	1.95		2.31	1.67	1.02	9
10	1.59	1.98	2.26	0.83	1.46	1.88	1.88	1.98		2.32	1.62	1.02	10
11	1.51	2.00	2.27	0.84	1.48	1.89	1.91	2.01		2.32	1.60	1.07	11
12	1.38	2.02	2.29	0.81	1.52	1.91	1.94	2.03		2.33	1.60	1.12	12
13	1.44	2.05	2.29	0.75	1.54	1.92	1.97	2.05		2.34	1.60	1.16	13
14	1.49	2.07	2.29	0.73	1.55	1.94	2.00	2.07	2.16	2.35	1.59	1.19	14
15	1.54	2.08	2.30	0.68	1.57	1.95	2.02	2.09	2.16	2.36	1.55	1.23	15
16	1.55	2.08	2.32	0.63	1.59	1.98	2.04	2.12	2.15	2.37	1.54	1.27	16
17	1.55	2.09	2.31	0.78	1.61	2.00	2.06	2.15	2.14	2.37	1.54	1.30	17
18	1.48	2.11	2.31	0.85	1.60	2.01	2.09	2.16	2.14	2.35	1.54	1.32	18
19	1.45	2.13	2.33	0.92	1.49	2.03	2.11	2.17	2.14	2.28	1.56	1.36	19
20	1.46	2.13	2.32	0.96	1.45	2.03	2.12	2.19	2.15	2.22	1.57	1.39	20
21	1.46	2.14	2.25	1.02	1.47	2.04	1.96	2.23	2.16	2.17	1.58	1.43	21
22	1.45	2.15	2.12	1.08	1.51	2.04	1.98	2.21	2.15	2.18	1.57	1.47	22
23	1.46	2.15	2.03	1.12	1.55	2.05	1.81	2.28	2.18	2.14	1.56	1.49	23
24	1.49	2.16	1.96	1.16	1.58	2.05	1.80	2.30	2.19	2.10	1.55	1.52	24
25	1.53	2.16	1.89	1.18	1.62	2.07	1.81	2.31	2.19	1.94	1.55	1.54	25
26	1.59	2.17	1.85	1.19	1.67	2.08	1.83	2.33	2.20	1.86	1.54	1.57	26
27	1.63	2.16	1.79	1.22	1.71	2.01	1.83		2.21	1.79	1.52	1.59	27
28	1.66	2.16	1.73	1.19	1.74	1.84	1.80		2.22	1.76	1.44	1.60	28
29	1.68	2.18	1.62	0.98	1.77	1.79	1.76		2.23	1.75	1.39	1.61	29
30	1.71		1.58	0.96	1.79	1.79	1.74			1.73		1.62	30
31	1.73				1.82								31
-MONTHLY SUMMARY-													
MEAN	1.48	2.03	2.12	1.04	1.49	1.94	1.88			2.18	1.61	1.33	MEAN
INST	1.13	1.74	1.56	0.42	0.99	1.77	1.71			1.73	1.36	1.01	INST
MAX	(1)	(1)	(31)	(15)	(1)	(30)	(3)			(31)	(30)	(9)	MAX
INST	1.74	2.18	2.33	1.56	1.83	2.09	2.13			2.37	1.77	1.62	INST
MIN	(31)	(29)	(19)	(1)	(31)	(26)	(20)			(17)	(3)	(31)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 253

TOWNSHIP OF ALPION

CONC. 6

LOT 23

WELL REC #: 4904160
UTM CO-ORD: 7-17 E594400 N4864030
LAT & LONG: 43-57NORTH 79-44E5T

REC METHOD: VFA TYPE RECORDER
REC COMM: MAR 3 1970
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 275 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK SOIL 1.2; BROWN CLAY, SAND AND STONES 20.7; BROWN SAND AND A FEW STONES 19.8; GREY CLAY, STONES AND SAND 20.7; BROWNISH YELLOW SILT, CLAY 32.3; BLUE CLAY AND STONES 39.6; BROWNISH YELLOW SILT, CLAY 65.3; GREY HARDPAN 66.5.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 65.6 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 218 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: HAROPAN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.99	12.95	13.01	13.01	12.83	12.73		12.73	12.86		12.99	13.01	1
2	12.98	12.95	13.01	13.01	12.81	12.73		12.73	12.87			13.01	2
3	12.98	12.95	13.02	13.01	12.81	12.73		12.73	12.87				3
4	12.98	12.96	13.02	13.01	12.80	12.73		12.73	12.87	12.96			4
5	12.98	12.96	13.02	13.00	12.79	12.73		12.73	12.87	12.96			5
6	12.98	12.96	13.02	13.00	12.79			12.73	12.87	12.96			6
7	12.98	12.96	13.02	12.99	12.78			12.73	12.88	12.96			7
8	12.98	12.96	13.02	12.99	12.78			12.73	12.88	12.97			8
9	12.97	12.96	13.02	12.99	12.78			12.73	12.89	12.97			9
10	12.97	12.97	13.03	12.99	12.77			12.73	12.89	12.97			10
11	12.97	12.97	13.03	12.98	12.77			12.73	12.89	12.97			11
12	12.97	12.97	13.03	12.97	12.76			12.73	12.90	12.97			12
13	12.97	12.97	13.03	12.96	12.76				12.90	12.97			13
14	12.97	12.97	13.03	12.96	12.76	12.70			12.91	12.97	13.00		14
15	12.97	12.98	13.03	12.95	12.75	12.70			12.91	12.97	13.00		15
16	12.96	12.98	13.03	12.94	12.75	12.70	12.74		12.91	12.97	13.00		16
17	12.96	12.98	13.03	12.93	12.75	12.70	12.74		12.92	12.97	13.00		17
18	12.96	12.99	13.03	12.92	12.75	12.70	12.74		12.92	12.97	13.00		18
19	12.96	12.99	13.04	12.91	12.75	12.70	12.74		12.92	12.98	13.00		19
20	12.96	12.99	13.04	12.90	12.74	12.71	12.73		12.92	12.98	13.00	13.00 E	20
21	12.96	13.00	13.04	12.89	12.74	12.71	12.74		12.92	12.98	13.00	13.00 E	21
22	12.96	13.00	13.04	12.89	12.73	12.71	12.74		12.93	12.98	13.00	13.00 E	22
23	12.96	13.00	13.04	12.88	12.73	12.71	12.74		12.93	12.98	13.00	13.00 E	23
24	12.96	13.00	13.04	12.87	12.73	12.71	12.74		12.94	12.98	13.01	13.01 E	24
25	12.96	13.00	13.03	12.86	12.73	12.71	12.74			12.98	13.01	13.01 E	25
26	12.96	13.01	13.03	12.86	12.73	12.71	12.73			12.98	13.01	13.01 E	26
27	12.95	13.01	13.03	12.85	12.73	12.71	12.73			12.99	13.01	13.01 E	27
28	12.95	13.01	13.02	12.85	12.73	12.72	12.73	12.85		12.99	13.01	13.01 E	28
29	12.95	13.01	13.02	12.84	12.73	12.72	12.73	12.85		12.99	13.01	13.01 E	29
30	12.95		13.01	12.83	12.73	12.72	12.73	12.86		12.99	13.01	13.01 E	30
31	12.95		13.01		12.73		12.73	12.86		12.99		13.02 E	31

-MONTHLY SUMMARY-

MEAN	12.97	12.98	13.03	12.93	12.76								MEAN
INST	12.95	12.95	13.01	12.83	12.73								INST
MAX	(27)	(1)	(31)	(30)	(31)								MAX
INST	12.99	13.01	13.04	13.01	12.83								INST
MIN	(1)	(29)	(22)	(1)	(1)								MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 214

TOWNSHIP OF CALEDON

H S E 5 LOT 8

WELL REC #: 4900661
UTM CO-ORD: 7-17 E587990 N4858940
LAT & LONG: 43-53NORTH 79-54 W5T

REC METHOD: A35 RECORDER
REC COMM: JUL 04 1965
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 369 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN SOIL 5.5; COARSE SAND 7.9; SILTY CLAY WITH FINE SAND 9.2.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.2 METRES

PUMP RATE: 0.1 L/S
SPEC. CAP: N.A.
AQUIFER: COARSE SAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				1.79	1.17	1.55		1.36	1.82	1.97	2.00	2.07	1
2				1.79	1.18	1.55		1.39	1.80	1.97	2.02	2.01	2
3				1.77	1.19	1.55		1.44	1.80	1.96	2.02		3
4				1.70	1.23	1.57		1.44	1.81	1.92	2.01		4
5				1.70	1.21	1.59 E		1.47	1.82	1.96	2.02	1.95	5
6			1.84	1.81	1.21	1.60 E		1.49	1.84	1.94	2.02	1.95	6
7			1.85	1.73	1.21	1.58 E		1.51	1.86	1.95	2.02	1.94	7
8			1.85	1.69	1.22	1.58		1.52	1.88	1.95	2.02	1.98	8
9			1.86	1.55	1.24	1.56		1.57	1.87 E	1.97	2.00	1.79	9
10			1.86	1.54	1.28	1.56		1.56	1.88 E	1.98	2.00	1.74	10
11			1.87	1.55	1.26	1.56		1.57	1.90 E	1.98	2.01	1.73	11
12			1.87	1.53	1.28	1.56		1.58	1.91 E	2.02	2.01	1.70	12
13			1.87	1.53	1.29	1.56		1.60	1.91 E	2.05	2.00	1.70	13
14			1.88	1.34	1.29	1.55		1.61	1.94	2.03	2.00	1.69	14
15			1.89	1.21	1.30	1.58		1.63	1.91	2.03	2.00	1.70	15
16			1.89	1.35	1.32	1.53	1.37	1.66	1.90	2.03	2.02	1.69	16
17			1.88	1.37	1.38	1.52	1.39	1.68	1.90	2.02	2.02		17
18			1.89	1.38	1.31	1.51	1.41	1.66	1.91	2.01	2.01		18
19			1.90	1.38	1.34	1.51	1.44	1.68	1.93	2.01	2.03		19
20			1.85	1.38	1.31	1.48	1.47	1.70	1.94	2.01	2.04		20
21			1.56	1.37	1.33	1.47	1.46	1.72	1.95	2.02	2.03		21
22			1.84	1.37	1.35	1.47	1.45	1.73	1.95	2.03	2.04		22
23			1.87	1.37	1.37	1.47	1.44	1.72	1.94	2.04	2.05		23
24			1.87	1.37	1.47	1.47	1.47	1.79	1.93	2.04	2.05		24
25			1.88	1.37	1.43	1.47	1.49	1.77	1.93	2.01	2.06		25
26			1.88	1.37	1.45	1.47	1.52	1.79	1.95	1.97	2.07		26
27			1.87	1.37	1.47	1.47	1.51	1.80	1.93	1.97	2.06		27
28			1.85	1.31	1.48	1.43	1.81	1.86	1.96	1.96	2.05		28
29			1.84	1.14	1.50	1.31	1.80	1.96	1.98	1.98	2.05		29
30			1.84	1.16	1.52	1.30	1.81	1.96	1.99	1.99	2.07		30
31			1.82		1.53		1.33	1.89		1.98			31

-MONTHLY SUMMARY-

MEAN				1.48	1.33			1.64	1.90	1.99	2.03		MEAN
INST				0.85	1.16			1.34	1.80	1.92	1.98		INST
MAX				(14)	(1)			(1)	(3)	(4)	(9)		MAX
INST				2.02	2.13			2.16	2.13	2.06	2.07		INST
MIN				(6)	(24)			(31)	(14)	(12)	(26)		MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 167
TOWNSHIP OF CHINGUACOUSY

HSE 5 LOT 5

WELL REC #: 4901999
UTM CO-ORD: 7-17 E596500 N4832160
LAT & LONG: 43-38NORTH 79-48WEST

REC METHOD: A35 RECORDER
REC COMM: DEC 15 1965
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELVE: 206 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 21 BROWN CLAY, GRAVEL 71 SAND AND GRAVEL 171 CLAY AND GRAVEL 201

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 4.6 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 6.1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: CLAY AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.64	1.78	1.93	1.85	1.41	1.57	1.79	1.80	2.00	2.14	2.21	2.27	1
2	1.63	1.79	1.93	1.84	1.40	1.58	1.80	1.80	1.99	2.15	2.21	2.27	2
3	1.63	1.79	1.94	1.83	1.39	1.60	1.81	1.80	1.99	2.15	2.21	2.27	3
4	1.62	1.80	1.94	1.81	1.39	1.61	1.81	1.81	2.00	2.15	2.21	2.27	4
5	1.61	1.81	1.94	1.80	1.39	1.62	1.82	1.82	2.01	2.15	2.22	2.27	5
6	1.61	1.81	1.95	1.78	1.40	1.63	1.83	1.84	2.01	2.16	2.22	2.26	6
7	1.61	1.82	1.95	1.75	1.41	1.63	1.84	1.85	2.02	2.16	2.22	2.25	7
8	1.62	1.82	1.95	1.73	1.43	1.64	1.84	1.86	2.03	2.16	2.22	2.24	8
9	1.64	1.82	1.96	1.72	1.44	1.65	1.85	1.87	2.03	2.17	2.22	2.23	9
10	1.65	1.83	1.96	1.70	1.43	1.65	1.85	1.88	2.03	2.17	2.23	2.22	10
11	1.65	1.83	1.97	1.67	1.44	1.67	1.85	1.88	2.03	2.17	2.23	2.21	11
12	1.64	1.84	1.97	1.64	1.46	1.68	1.85	1.88	2.04	2.18	2.24	2.19	12
13	1.64	1.85	1.97	1.62	1.46	1.69	1.87	1.88	2.05	2.18	2.24	2.19	13
14	1.64	1.85	1.97	1.59	1.47	1.69	1.88	1.89	2.05	2.18	2.24	2.18	14
15	1.66	1.86	1.97	1.53	1.47	1.69	1.88	1.90	2.06	2.18	2.24	2.17	15
16	1.66	1.86	1.98	1.46	1.48	1.70	1.89	1.91	2.06	2.18	2.24	2.16	16
17	1.66	1.87	1.98	1.43	1.48	1.71	1.89	1.92	2.07	2.18	2.24		17
18	1.67	1.88	1.98	1.41	1.48	1.72	1.90	1.92	2.07	2.20	2.25		18
19	1.68	1.88	1.98	1.41	1.47	1.72	1.91	1.92	2.08	2.20	2.25		19
20	1.69	1.89	1.96	1.41	1.46	1.72	1.91	1.93	2.09	2.20	2.25		20
21	1.69	1.90	1.92	1.41	1.45	1.73	1.92	1.94	2.09	2.20	2.25		21
22	1.70	1.91	1.88	1.41	1.46	1.74	1.93	1.95	2.10	2.20	2.25		22
23	1.70	1.91	1.87	1.41	1.46	1.75	1.93	1.95	2.10	2.21	2.25		23
24	1.71	1.91	1.86	1.43	1.47	1.76	1.94	1.96	2.11	2.21	2.25		24
25	1.72	1.91	1.86	1.44	1.48	1.77	1.95	1.97	2.11	2.22	2.26		25
26	1.73	1.92	1.86	1.46	1.50	1.77	1.95	1.98	2.12	2.21	2.26		26
27	1.74	1.92	1.86	1.47	1.52	1.78	1.96	1.98	2.13	2.21	2.26		27
28	1.74	1.92	1.86	1.48	1.53	1.78	1.97	1.99	2.13	2.20	2.26		28
29	1.75	1.93	1.85	1.47	1.54	1.78	1.92	2.00	2.13	2.21	2.27		29
30	1.76		1.85	1.43	1.54	1.78	1.85	2.00	2.14	2.21	2.27		30
31	1.77		1.85		1.56		1.81	2.01		2.20			31

-MONTHLY SUMMARY-

MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1.67	1.86	1.93	1.58	1.46	1.69	1.88							
INST MAX	(7)	(1)	(31)	(21)	(5)	(1)	(1)	(1)	(2)	(1)	(2)	(1)	INST MAX
1.78	1.93	1.98	1.85	1.57	1.79	1.97	2.01	2.14	2.22	2.27			
INST MIN	(31)	(29)	(19)	(1)	(31)	(30)	(28)	(31)	(30)	(25)	(30)	(30)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 168
TOWNSHIP OF CHINGUACOUSY

HSE 2 LOT 15

WELL REC #: 4901205
UTM CO-ORD: 7-17 E597150 N4844050
LAT & LONG: 43-45NORTH 79-48WEST

REC METHOD: A35 RECORDER
REC COMM: MAR 4 1966
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELVE: 249 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.31 SANDY CLAY, ODD BIT OF GRAVEL 8.81 SAND, CLAY AND SOME GRAVEL 10.71 SAND AND GRAVEL 14.51 FINE SAND AND GRAVEL, ODD BIT OF CLAY 15.61 CLAY, SAND, GRAVEL 16.81 SAND, GRAVEL AND ODD BIT OF CLAY 22.31

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 16.2 METRES
LENGTH OF SCREEN: 6.1 METRES
DEPTH OF WELL: 22.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.61	6.65	6.76	6.60	6.18	6.03	6.12		6.29	6.36	6.50	6.60	1
2	6.61	6.66	6.73	6.58	6.16	6.01	6.13		6.31	6.37	6.53	6.56	2
3	6.64	6.66	6.70	6.56	6.14	6.03	6.12		6.34	6.38	6.49	6.55	3
4	6.63	6.67	6.70	6.50	6.12	6.07	6.12		6.32	6.40	6.47	6.53	4
5	6.61	6.67	6.70	6.54	6.09	6.06	6.10		6.32	6.44	6.50	6.52	5
6	6.61	6.66	6.76	6.56	6.09	6.02	6.15		6.33	6.43	6.48	6.51	6
7	6.57	6.68	6.75	6.52	6.09	6.02	6.14		6.34	6.40	6.47	6.50	7
8	6.64	6.69	6.71	6.49	6.09	6.04	6.11		6.34	6.38	6.53	6.58	8
9	6.66	6.66	6.74	6.48	6.08	6.02	6.15		6.32	6.44	6.49	6.50	9
10	6.65	6.64	6.70	6.48	6.07	6.05	6.14		6.34	6.41	6.55	6.51	10
11	6.66	6.63	6.75	6.49	6.06	6.09			6.33	6.48	6.56	6.53	11
12	6.65	6.68	6.79	6.45	6.07	6.09		6.23	6.36	6.43	6.56	6.59	12
13	6.63	6.69	6.73		6.04	6.07		6.25	6.34	6.46	6.52	6.55	13
14	6.62	6.70	6.74		6.06	6.04		6.23	6.33	6.46	6.54	6.53	14
15	6.64	6.68	6.80		6.08	6.04		6.25	6.35	6.46	6.56	6.53	15
16	6.62	6.65	6.77		6.06	6.09		6.27	6.34	6.46	6.58	6.53	16
17	6.58	6.68	6.71		6.05	6.08		6.28	6.34	6.43	6.55	6.53	17
18	6.60	6.70	6.77		6.01	6.07		6.24	6.38	6.42	6.54	6.51	18
19	6.62	6.74	6.77		6.04	6.07		6.26	6.38	6.44	6.56	6.57	19
20	6.61	6.68	6.73		6.04	6.07		6.26	6.35	6.45	6.57	6.58	20
21	6.58	6.71	6.67		6.02	6.10		6.26	6.34	6.46	6.55	6.56	21
22	6.64	6.67	6.74		6.03	6.10		6.28	6.35	6.50	6.59	6.66	22
23	6.65	6.71	6.73		6.02	6.10		6.30	6.39	6.51	6.57	6.62	23
24	6.67	6.71			6.00	6.10		6.30	6.40	6.48	6.56	6.63	24
25	6.69	6.72		6.25	6.02	6.10		6.29	6.37	6.40	6.50	6.57	25
26	6.64	6.73	6.68	6.24	6.04	6.08		6.29	6.39	6.44	6.51	6.56	26
27	6.65	6.66	6.66	6.22	6.03	6.10		6.30	6.40	6.49	6.56	6.59	27
28	6.63	6.72	6.63	6.21	6.03	6.10		6.32	6.41	6.47	6.51	6.56	28
29	6.64	6.77		6.20	6.03	6.07		6.31	6.40	6.43	6.53	6.55	29
30	6.66		6.59	6.19	6.01	6.10		6.29	6.38	6.50	6.58	6.66	30
31	6.65		6.58		6.01			6.29		6.46		6.65	31

-MONTHLY SUMMARY-

MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
6.61	6.66	6.71		6.66	6.07				6.35	6.44	6.54	6.63	
INST MAX	(7)	(11)	(31)		(24)	(7)			(1)	(1)	(4)	(2)	INST MAX
6.64	6.76	6.81		6.19	6.12				6.42	6.52	6.61	6.70	
INST MIN	(12)	(24)	(12)		(1)	(30)			(26)	(23)	(26)	(27)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
PETERBOROUGH COUNTY

OBSERVATION WELL 553

TOWNSHIP OF CAVAN

CONC. R

LOT 10

WELL REC #1 5109590
UTM CO-ORD: 7-17 E700795 N4096285
LAT & LONG: 78-29NORTH 84-11WEST

REC METHOD: A-35 RECORDER
REC COMM: NOV. 01 1979
MEASURE PT: 0.50 METRES ABOVE GROUND SURFACE
GND ELEV: 214 METRES ABOVE SEA LEVEL
WELL TYPE: HORED
WELL LOG: BROWN TOPSOIL & SAND 0.3; DENSE GREY CLAY 7.0; BROWN SAND 7.6.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 7.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 7.6 METRES

PUMP RATE: N.A. L/S
SPEC. CAP: N.A. L/S/M
AQUIFER: SAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.71	6.59	6.75	6.55	6.37	6.50	6.63	6.63	6.69	6.76	6.73	6.63	1
2	6.70	6.59	6.75	6.55	6.36	6.51	6.63	6.62	6.69	6.76	6.73	6.63	2
3	6.69	6.60	6.75	6.56	6.36	6.51	6.64	6.62	6.70	6.76	6.72	6.63	3
4	6.68	6.61	6.75	6.57	6.36	6.52	6.64	6.62	6.70	6.77	6.72	6.63	4
5	6.67	6.61	6.76	6.57	6.36	6.52	6.64	6.62	6.70	6.77	6.71	6.62	5
6	6.67	6.62	6.77	6.57	6.36	6.53	6.64	6.62	6.71	6.77	6.71	6.61	6
7	6.65	6.63	6.77	6.57	6.36	6.53	6.64	6.62	6.70	6.77	6.71	6.59	7
8	6.65	6.63	6.77	6.57	6.37	6.54	6.65	6.62	6.71	6.77	6.71	6.59	8
9	6.65	6.63	6.78	6.56	6.37	6.55	6.65	6.62	6.71	6.77	6.71	6.58	9
10	6.65	6.64	6.78	6.54	6.37	6.55	6.65	6.62	6.71	6.78	6.70	6.56	10
11	6.64	6.64	6.78	6.53	6.37	6.56	6.66	6.63	6.71	6.78	6.70	6.54	11
12	6.62	6.65	6.79	6.51	6.38	6.56	6.66	6.64	6.71	6.78	6.69	6.53	12
13	6.61	6.66	6.79	6.49	6.38	6.57	6.67	6.64	6.71	6.78	6.68	6.51	13
14	6.60	6.66	6.79	6.47	6.39	6.58	6.67	6.64	6.72	6.78	6.68	6.50	14
15	6.59	6.66	6.80	6.44	6.40	6.58	6.67	6.65	6.72	6.79	6.67	6.49	15
16	6.58	6.67	6.80	6.40	6.41	6.58	6.67	6.65	6.72	6.79	6.67	6.49	16
17	6.58	6.68	6.80	6.35	6.41	6.59	6.67	6.66	6.72	6.79	6.67	6.48	17
18	6.57	6.68	6.81	6.33	6.41	6.59	6.68	6.66	6.73	6.79	6.66	6.48	18
19	6.56	6.69	6.80	6.33	6.42	6.60	6.69	6.67	6.73	6.79	6.65	6.48	19
20	6.56	6.69	6.78	6.33	6.42	6.60	6.69	6.67	6.73	6.79	6.66	6.49	20
21	6.55	6.70	6.74	6.34	6.43	6.61	6.69	6.67	6.73	6.79	6.65	6.49	21
22	6.55	6.70	6.72	6.35	6.44	6.61	6.69	6.67	6.74	6.79	6.65	6.49	22
23	6.54	6.71	6.71	6.35	6.44	6.61	6.68	6.67	6.74	6.79	6.64	6.49	23
24	6.54	6.71	6.69	6.36	6.44	6.61	6.67	6.67	6.74	6.79	6.64	6.49	24
25	6.54	6.72	6.66	6.37	6.45	6.61	6.66	6.67	6.75	6.79	6.64	6.48	25
26	6.55	6.72	6.64	6.37	6.46	6.62	6.65	6.67	6.75	6.79	6.64	6.49	26
27	6.56	6.73	6.60	6.37	6.47	6.62	6.65	6.67	6.75	6.78	6.64	6.50	27
28	6.56	6.73	6.57	6.37	6.48	6.63	6.64	6.67	6.76	6.77	6.63	6.50	28
29	6.57	6.74	6.55	6.37	6.48	6.62	6.64	6.69	6.76	6.76	6.63	6.50	29
30	6.58		6.54	6.37	6.49	6.62	6.63	6.69	6.76	6.75	6.63	6.50	30
31	6.58		6.55		6.49		6.63	6.69		6.74		6.51	31
-MONTHLY SUMMARY-													
MEAN	6.60	6.67	6.73	6.45	6.41	6.57	6.66		6.72	6.78	6.68	6.53	MEAN
INST	6.54	6.59	6.54	6.33	6.35	6.49	6.63		6.69	6.74	6.63	6.48	INST
MAX	(24)	(2)	(30)	(18)	(6)	(1)	(1)		(2)	(31)	(29)	(18)	MAX
INST	6.72	6.75	6.81	6.57	6.49	6.63	6.69		6.76	6.79	6.74	6.63	INST
MIN	(1)	(29)	(18)	(8)	(31)	(28)	(20)		(30)	(20)	(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 529

TOWNSHIP OF INNISFIL

CONC. -

LOT -

WELL REC #1 5715034
UTM CO-ORD: 7-17 E605145 N4912050
LAT & LONG: 44-22NORTH 79-41WEST

REC METHOD: A71 RECORDER
REC COMM: APR 07 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 264 METRES ABOVE SEA LEVEL
WELL TYPE: HORED
WELL LOG: SAND 7.3.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 7.3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 7.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.04	5.12	5.18	5.13	5.06	5.09	5.15	5.08	5.16	5.18	5.14	5.06	1
2	5.04	5.12	5.18	5.13	5.05	5.10	5.15	5.08	5.16	5.18	5.14	5.06	2
3	5.04	5.12	5.18	5.13	5.05	5.10	5.14	5.07	5.16	5.18	5.13	5.06	3
4	5.03	5.12	5.18	5.12	5.05	5.10	5.15	5.07	5.18	5.18	5.13	5.06	4
5	5.03	5.12	5.18	5.12	5.04	5.10	5.15	5.07	5.18	5.18	5.12	5.06	5
6	5.04	5.12	5.18	5.11	5.04	5.11	5.16	5.07	5.18	5.18	5.12	5.06	6
7	5.04	5.12	5.18	5.11	5.04	5.11	5.16	5.07	5.17	5.17	5.12	5.05	7
8	5.04	5.12	5.19	5.11	5.04	5.11	5.16		5.17	5.17	5.12	5.05	8
9	5.04	5.12	5.19	5.10	5.04	5.11	5.16		5.17	5.17	5.12	5.05	9
10	5.04	5.12	5.20	5.09	5.04	5.11	5.16		5.17	5.16	5.11	5.04	10
11	5.05	5.12	5.20	5.09	5.04	5.11	5.17		5.17	5.16	5.10	5.03	11
12	5.06	5.12	5.21	5.09	5.04	5.11	5.19		5.17	5.16	5.10	5.03	12
13	5.06	5.13	5.21	5.09	5.04	5.12	5.20		5.17	5.16	5.10	5.02	13
14	5.07	5.15	5.21	5.09	5.04	5.12	5.19		5.17	5.16	5.09	5.02	14
15	5.07	5.15	5.21	5.08	5.04	5.12	5.19		5.17	5.16	5.09	5.02	15
16	5.08	5.15	5.21	5.07	5.05	5.12	5.19	5.11	5.17	5.16	5.09	5.02	16
17	5.08	5.15	5.22	5.07	5.05	5.13	5.20	5.12	5.17	5.16	5.08	5.02	17
18	5.09	5.15	5.22	5.07	5.05	5.13	5.20	5.12	5.17	5.16	5.08	5.02	18
19	5.09	5.15	5.22	5.07	5.05	5.13	5.20	5.12	5.18	5.16	5.08	5.02	19
20	5.09	5.16	5.22	5.07	5.05	5.13	5.20	5.13	5.18	5.16	5.08	5.03	20
21	5.09	5.17	5.21	5.06	5.05	5.13	5.20	5.13	5.18	5.16	5.07	5.03	21
22	5.09	5.17	5.20	5.07	5.05	5.13	5.19	5.14	5.18	5.16	5.08	5.03	22
23	5.09	5.17	5.18	5.06	5.06	5.13	5.16	5.14	5.19	5.16	5.08	5.03	23
24	5.09	5.17	5.17	5.06	5.06	5.13	5.15	5.14	5.19	5.16	5.08	5.03	24
25	5.09	5.18	5.16	5.06	5.07	5.13	5.15	5.14	5.19	5.16	5.07	5.04	25
26	5.09	5.18	5.16	5.06	5.07	5.14	5.14	5.14	5.19	5.16	5.07	5.04	26
27	5.10	5.18	5.16	5.06	5.08	5.14	5.14	5.15	5.19	5.15	5.07	5.04	27
28	5.11	5.18	5.15	5.06	5.08	5.15	5.13	5.15	5.19	5.15	5.07	5.04	28
29	5.12	5.18	5.15	5.06	5.08	5.15	5.12	5.15	5.19	5.15	5.07	5.04	29
30	5.12		5.14	5.06	5.09	5.14	5.11	5.16	5.19	5.15	5.06	5.04	30
31	5.12		5.14		5.09		5.10	5.16		5.14		5.05	31
-MONTHLY SUMMARY-													
MEAN	5.07	5.15	5.19	5.08	5.05	5.12	5.16		5.18	5.16	5.10	5.04	MEAN
INST	5.03	5.12	5.13	5.06	5.04	5.09	5.09		5.16	5.14	5.06	5.02	INST
MAX	(5)	(7)	(31)	(25)	(7)	(1)	(31)		(1)	(31)	(29)	(15)	MAX
INST	5.12	5.18	5.22	5.13	5.09	5.15	5.20		5.19	5.18	5.14	5.06	INST
MIN	(30)	(27)	(21)	(1)	(30)	(29)	(19)		(5)	(1)	(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 007

TOWNSHIP OF ESSA

CONC. 3

LOT 30

WELL REC #: 5708713
UTM CO-ORDS: Z-17 E589850 N4907950
LAT & LONG: 44-19N08W 79-5 W87

REC METHOD: A35 RECORDER
REC COMM: JUN 6 1950
MEASURE PT: 0.46 METRES ABOVE GROUND SURFACE
GND ELEV: 191 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERHURDEN 6.1.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.02		3.32	3.20	2.97 E	2.15	1.59	2.20	2.77	3.10	3.24	3.33	1
2	3.01		3.32	3.19	2.97 E	2.13	1.61	2.22	2.78	3.10	3.25	3.34	2
3	3.01		3.33	3.19	2.96 E	2.11	1.62	2.24	2.80	3.11	3.25	3.34	3
4	3.00		3.33	3.19	2.96 E	2.12	1.63	2.27	2.81	3.11	3.25	3.34	4
5	3.00		3.33	3.18	2.95 E	2.09	1.64	2.29	2.82	3.11	3.26	3.33	5
6	3.00		3.33	3.18	2.94 E	2.04		2.31	2.84	3.12	3.26	3.33	6
7	2.99		3.33	3.17 E	2.94 E	1.98		2.34	2.85	3.12	3.26	3.32	7
8	2.99		3.33	3.17 E	2.93 E	1.91		2.35	2.86	3.12	3.26	3.31	8
9	2.99		3.33	3.16 E	2.92 E	1.83		2.37	2.88	3.12	3.27	3.30	9
10	3.00		3.33	3.15 E	2.90 E	1.76		2.40	2.89	3.13	3.27	3.28	10
11	2.99		3.34	3.15 E	2.88 E	1.71		2.42	2.90	3.14	3.28	3.27	11
12	2.99		3.34	3.14 E	2.87 E	1.66		2.43	2.92	3.14	3.28	3.26	12
13	2.99		3.34	3.13 E	2.84 E	1.62		2.46	2.93	3.15	3.28	3.24	13
14	2.99		3.34	3.12 E	2.81 E	1.60		2.47	2.94	3.16	3.29	3.24	14
15	2.99		3.34	3.11 E	2.77 E	1.58		2.49	2.96	3.17	3.29	3.24	15
16	2.99		3.34	3.10 E	2.71 E	1.59		2.51	2.97	3.17	3.29	3.24	16
17	2.99		3.34	3.09 E	2.66 E	1.57		2.53	2.98	3.18	3.30	3.23	17
18	3.00		3.34	3.07 E	2.60 E	1.55		2.55	2.99	3.18	3.30	3.23	18
19	3.01		3.34	3.06 E	2.54 E	1.54		2.56	3.00	3.19	3.30	3.23	19
20	3.01		3.34	3.05 E	2.49 E	1.52		2.58	3.01	3.19	3.30	3.23	20
21	3.01		3.33	3.04 E	2.43 E	1.51		2.60	3.02	3.20	3.31	3.23	21
22	3.02	3.27	3.30	3.03 E	2.39 E	1.51	2.05	2.62	3.04	3.20	3.31	3.23	22
23	3.02	3.28	3.27	3.02 E	2.36 E	1.51	2.07	2.63	3.04	3.21	3.31	3.23	23
24	3.03	3.28	3.25	3.02 E	2.33 E	1.51	2.09	2.65	3.04	3.22	3.31	3.22	24
25		3.29	3.24	3.01 E	2.30 E	1.54	2.12	2.66	3.05	3.22	3.31	3.22	25
26		3.29	3.23	3.01 E	2.28 E	1.57	2.15	2.68	3.06	3.22	3.32	3.22	26
27		3.30	3.23	3.00 E	2.26	1.60	2.17	2.69	3.07	3.23	3.32	3.23	27
28		3.31	3.22	3.00 E	2.24	1.61	2.18	2.71	3.07	3.23	3.32	3.23	28
29		3.31	3.21	2.99 E	2.22	1.61	2.17	2.73	3.08	3.23	3.33	3.23	29
30			3.21	2.98 E	2.19	1.59	2.16	2.74	3.09	3.23	3.33	3.23	30
31			3.20		2.17		2.18	2.76		3.24		3.24	31
+MONTHLY SUMMARY+													
MEAN			3.30	3.10	2.64	1.72		2.50	2.95	3.17	3.29	3.26	MEAN
INST			3.20	2.98	2.16	1.50		2.19	2.76	3.09	3.24	3.22	INST
MAX			(31)	(30)	(31)	(22)		(1)	(1)	(1)	(1)	(23)	MAX
INST			3.34	3.20	2.98	2.16		2.76	3.09	3.24	3.33	3.34	INST
MIN			(18)	(1)	(1)	(1)		(31)	(30)	(31)	(30)	(4)	MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 552

TOWNSHIP OF VESPREA

CONC. 7

LOT 25

WELL REC #: 5714854
UTM CO-ORDS: Z-17 E601300 N4913300
LAT & LONG: 44-22N08W 79-44W87

REC METHOD: A-35 RECORDER
REC COMM: OCT. 17 1979
MEASURE PT: 0.20 METRES ABOVE GROUND SURFACE
GND ELEV: 235 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK MUCK 0.9; LOOSE BROWN SAND 3.0; GREY CLAY 26.8; LAYERED GREY CLAY & SAND 31.4; PACKED GREY SAND 33.9; HARD GREY CLAY 41.5; LAYERED GREY CLAY & FINE SAND 46; PACKED GREY FINE SAND 48.8; HARD GREY CLAY 51.5; PACKED GREY FINE SAND 68.6; HARD GREY CLAY & SILT 77.2; LAYERED GREY CLAY & SAND 80.8; PACKED GREY FINE SAND 1 FINE GRAVEL 83.8; PACKED GREY CLAY & GRAVEL 85.4; CEMENTED SAND & GRAVEL 86.3; SAND & GRAVEL, BOULDERS 90; GREY SAND & SOME FINE GRAVEL 93.6; HARD PACKED GRAVEL WITH SAND & BOULDERS 103.1; HARD GREY CLAY 105.5.

DIAMETER OF WELL: 5 CM
LENGTH OF CASING: 100.6 METRES
LENGTH OF SCREEN: 3.1 METRES
DEPTH OF WELL: 103.7 METRES

PUMP RATE: 2.66 L/S
SPEC. CAP: 0.15 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	8.88	8.72			8.47	9.32	8.85	8.10 E	8.76 E	9.04 E	8.46 E	8.31 E	1
2	9.03	8.72			8.45	9.08	8.86	8.03 E	8.77 E	9.23 E	8.14 E	8.52 E	2
3	9.35	8.61			8.39	8.96	9.13	7.86 E	9.03 E	9.25 E	8.10 E	8.72 E	3
4	9.56				8.23	8.99	9.62	7.71 E	9.11 E	9.03 E	8.33 E	8.98 E	4
5	9.56				8.21	9.26	9.79	7.83 E	9.31 E	8.61 E	8.50 E	9.06 E	5
6	9.33				8.43	9.50	9.52	8.39 E	9.32 E	8.63 E	8.54 E	9.10 E	6
7	9.18				8.46	9.32	9.69	9.14 E	9.08 E	8.97 E	8.58 E	8.79 E	7
8	9.10				8.64	9.05	9.86	9.29 E	9.15 E	9.10 E	8.52 E	8.67 E	8
9	9.04				9.01	9.01	9.75	9.11 E	9.50 E	9.21 E	8.15 E	8.92 E	9
10	9.07				8.93	8.98	9.87	8.64 E	9.66 E	9.25 E	8.08 E	9.04 E	10
11	8.99				8.57	8.93	10.38	8.60 E	9.70 E	9.09 E	8.22 E	9.07 E	11
12	8.95				8.72	8.95	10.41	8.03 E	9.75 E	8.69 E	8.30 E	9.06 E	12
13	8.83				9.08	9.08	9.99	9.33 E	9.56 E	8.46 E	8.51 E	8.80 E	13
14	8.89				9.15	9.14	10.28	9.47 E	9.20 E	8.62 E	8.83 E	8.40 E	14
15	9.17				9.25	8.89	10.44	9.65 E	9.20 E	8.94 E	8.86 E	8.29 E	15
16	9.21				9.26	8.75	10.18	9.57 E	9.37 E	9.11 E	8.75 E	8.29 E	16
17	9.24				9.05	9.18	10.17	9.25 E	9.46 E	9.18 E	8.69 E	8.26 E	17
18	9.23			8.83	8.70	9.49	10.16	9.20 E	9.50 E	8.69 E	8.77 E	7.96 E	18
19	9.18			8.70	8.44	9.53	9.95	9.42 E	9.48 E	8.17 E	8.84 E	7.96 E	19
20	9.00			8.46	8.52	9.47	9.60	9.69 E	9.28 E	8.22 E	8.93 E	8.01 E	20
21	8.99			8.40	8.74	9.34	9.12 E	9.84 E	8.89 E	8.80 E	9.01 E	8.05 E	21
22	9.12	9.04		8.57	9.13	9.05	9.02 E	9.81 E	8.94 E	9.06 E	8.92 E	8.07 E	22
23	9.19	8.95		8.80	9.60	9.12	8.91 E	9.16 E	9.22 E	9.22 E	8.76 E	8.00 E	23
24	9.16	8.79		8.92	9.83	9.57	8.76 E	8.60 E	9.35 E	9.25 E	8.69 E	7.99 E	24
25	8.90	8.90		8.99	9.63	9.97	8.57 E	8.54 E	9.36 E	9.02 E	8.89 E	8.02 E	25
26	8.78	8.23		8.91	9.69	10.19	8.60 E	8.84 E	9.33 E	8.75 E	8.98 E	8.07 E	26
27	8.56	8.27		8.66	9.68	10.35	8.36 E	9.01 E	9.06 E	8.64 E	8.97 E	8.58 E	27
28	8.51	8.30		8.68	9.66	10.14	8.15 E	9.05 E	8.68 E	8.81 E	8.82 E	8.87 E	28
29	8.65	8.29		8.77	9.80	9.49	8.06 E	9.06 E	8.63 E	8.84 E	8.69 E	8.70 E	29
30	8.72			8.71	9.98	9.12	7.98 E	9.15 E	8.91 E	8.77 E	8.32 E	8.40 E	30
31	8.72				9.86		8.12 E	8.94 E		8.62 E		8.68 E	31
+MONTHLY SUMMARY+													
MEAN	9.04				9.02	9.31	9.36	8.95	9.22	8.86	8.60	8.50	MEAN
INST	8.48				8.14	8.61	7.93	7.66	8.54	8.00	8.03	7.92	INST
MAX	(27)				(5)	(16)	(30)	(4)	(24)	(26)	(10)	(23)	MAX
INST	9.65				10.00	10.35	10.61	9.92	9.77	9.32	9.02	9.15	INST
MIN	(5)				(31)	(23)	(14)	(22)	(12)	(2)	(21)	(6)	MIN

ENVIRONMENTAL ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 373

VILLAGE OF KASASGA BEACH

CONC. - LOT -

WELL REC #1 5799214
UTM CO-ORD: 7-17 E579250 N4931025
LAT & LONG: 44-32N047W 80-01W05T

REC METHOD: AAS RECORDER
REC COMMENT: OCT 31 1972
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 180 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: FINE SAND 0.7; SAND AND GRAVEL 9.2; GREY CLAY 26.5; FINE SAND 28.3; CLAY 29.2; FINE SAND 30.8; MEDIUM SAND 36.3; SAND WITH STREAKS OF CLAY 39.7; CLAY AND SILT 51.2; FINE SAND 51.9; MEDIUM SAND 54.9; SAND AND GRAVEL 59.2; GRAY CLAY 61.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 51.9 METRES
LENGTH OF SCREEN: 7.3 METRES
DEPTH OF WELL: 59.2 METRES

PUMP RATE: 34.2 L/S
SPEC. CAP: 1.62 L/S/M
AQUIFER: SAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.43	1.55	1.64	1.49	1.41	1.48	1.58	1.65	1.53	1.44	1.41	1.54	1
2	1.45	1.56	1.62	1.49	1.41	1.47	1.57	1.64	1.45	1.43	1.51	1.53	2
3	1.47	1.56	1.59	1.51	1.40	1.44	1.59	1.64	1.48	1.49	1.52	1.54	3
4	1.48	1.57	1.60	1.47	1.41	1.45	1.60	1.67	1.48	1.46	1.44	1.60	4
5	1.48	1.60	1.59	1.46	1.38	1.48	1.61	1.65	1.42	1.48	1.43	1.62	5
6	1.50	1.61	1.63	1.52	1.40	1.48	1.65	1.61	1.43	1.45	1.45	1.60	6
7	1.36	1.61	1.63	1.52	1.38	1.46	1.67	1.59	1.46	1.45	1.48	1.57	7
8	1.37	1.61	1.63	1.53	1.38	1.41	1.65	1.54	1.47	1.42	1.53	1.49	8
9	1.40	1.61	1.62	1.51	1.40	1.41	1.67	1.54	1.40	1.47	1.47	1.52	9
10	1.50	1.61	1.58	1.47	1.44	1.42	1.68	1.60	1.41	1.49	1.43	1.46	10
11	1.42	1.60	1.52	1.45	1.42	1.44	1.68	1.57	1.40	1.42	1.50	1.50	11
12	1.31	1.60	1.61	1.43	1.43	1.43	1.74	1.50	1.49	1.43	1.53	1.48	12
13	1.48	1.61	1.67	1.42	1.44	1.46	1.79	1.52	1.53	1.46	1.51	1.45	13
14	1.47	1.62	1.58	1.47	1.42	1.47	1.79	1.48	1.48	1.50	1.50	1.39	14
15	1.53	1.63	1.60	1.40	1.45	1.47	1.77	1.47	1.50	1.51	1.50	1.51	15
16	1.59	1.61	1.68	1.42	1.48	1.47	1.76	1.50	1.47	1.51	1.55	1.55	16
17	1.54	1.62	1.61	1.43	1.54	1.46	1.77	1.57	1.44	1.50	1.54	1.45	17
18	1.47	1.61	1.53	1.41	1.52	1.45	1.81	1.54	1.48	1.41	1.53	1.41	18
19	1.45	1.60	1.60	1.42	1.50	1.47	1.84	1.52	1.46	1.43	1.50	1.49	19
20	1.46	1.64	1.59	1.40	1.50	1.39	1.86	1.54	1.46	1.45	1.52	1.48	20
21	1.48	1.66	1.49	1.41	1.47	1.46	1.84	1.56	1.47	1.43	1.48	1.49	21
22	1.45	1.68	1.49	1.44	1.47	1.48	1.82	1.51	1.46	1.48	1.50	1.50	22
23	1.40	1.65	1.56	1.40	1.48	1.47	1.83	1.52	1.42	1.55	1.50	1.51	23
24	1.47	1.62	1.55	1.41	1.49	1.48	1.83	1.54	1.48	1.60	1.51		24
25	1.50	1.63	1.50	1.39	1.51	1.48	1.80	1.53	1.47	1.48	1.52		25
26	1.50	1.64	1.52	1.41	1.51	1.47	1.80	1.51	1.39	1.32	1.53		26
27	1.53	1.55	1.54	1.42	1.50	1.51	1.78	1.52	1.44	1.42	1.60		27
28	1.52	1.61	1.52	1.42	1.51	1.56	1.73	1.56	1.47	1.44	1.56		28
29	1.53	1.64	1.51	1.41	1.53	1.56	1.68	1.54	1.49	1.48	1.46		29
30	1.54		1.50	1.41	1.50	1.54	1.67	1.53	1.46	1.46	1.49		30
31	1.56		1.51		1.45		1.69	1.53		1.38			31
-MONTHLY SUMMARY-													
MEAN	1.47	1.61	1.57	1.44	1.46	1.47	1.73	1.55	1.46	1.46	1.50		MEAN
INST	1.17	1.52	1.38	1.34	1.34	1.28	1.53	1.45	1.26	1.29	1.36		INST
MAX	(11)	(1)	(21)	(15)	(6)	(20)	(2)	(15)	(26)	(26)	(1)		MAX
INST	1.62	1.72	1.73	1.57	1.58	1.63	1.96	1.71	1.58	1.63	1.63		INST
MIN	(16)	(22)	(16)	(8)	(17)	(28)	(20)	(4)	(20)	(24)	(27)		MIN

ENVIRONMENTAL ONTARIO
TORONTO
VICTORIA COUNTY

OBSERVATION WELL 375

TOWNSHIP OF MARIPOSA

CONC. 15 LOT 6

WELL REC #1 6403790
UTM CO-ORD: 7-17 E660200 N4917700
LAT & LONG: 44-24N047W 78-59W05T

REC METHOD: F1 TYPE RECORDER
REC COMMENT: NOV 9 1972
MEASURE PT: 0.93 METRES ABOVE GROUND SURFACE
GND ELEV: 283 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: PACKED BROWN CLAY AND STONES 2.0; LOOSE BROWN GRAVEL 5.5; LIMESTONE 11.6.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 5.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 11.6 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.13 L/S/M
AQUIFER: LIMESTONE
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.21	2.54	2.86	2.36	2.34	2.75	2.71	2.50	2.89	3.01	2.79	2.84	1
2	2.16	2.57	2.90	2.34	2.31	2.71	2.76	2.57	2.86	3.02	2.78	2.81	2
3	2.20	2.59	2.87	2.33	2.39	2.73	2.78	2.54	2.94	2.97	2.79	2.82	3
4	2.23	2.60	2.90	2.30	2.34	2.71	2.77	2.53	2.88	2.95	2.79	2.82	4
5	2.27	2.62	2.90	2.32	2.40	2.77	2.81	2.62	2.96	2.96	2.76		5
6	2.29	2.63	2.91	2.28	2.40	2.78	2.78	2.57	2.89	2.93	2.79		6
7	2.31	2.62	2.91	2.33	2.40	2.66	2.82	2.64	2.99	2.98	2.75		7
8	2.33	2.64	2.92	2.28	2.43	2.71	2.83	2.57	2.94	2.93	2.70		8
9	2.33	2.67	2.93	2.31	2.47	2.68	2.79	2.62	2.98	2.95	2.70		9
10	2.36	2.67	2.93	2.23	2.43	2.72	2.85	2.65	2.95	2.96	2.70		10
11	2.31	2.69	2.94	2.29	2.50	2.72	2.89	2.65	2.92	2.96	2.67		11
12	2.32	2.69	2.95	2.22	2.53	2.78	2.93	2.68	2.95	2.98	2.69		12
13	2.34	2.72	2.92	2.27	2.49	2.73	2.92	2.67	2.99	3.00	2.64		13
14	2.36	2.72	2.95	2.22	2.52	2.75	2.97	2.70	3.00	3.01			14
15	2.36	2.71	2.97	2.10	2.56	2.76	2.83	2.71	2.95	2.96			15
16	2.38	2.72	2.95	2.18	2.56	2.76	2.83	2.71	2.95	2.96			16
17	2.34	2.74	2.95	2.14	2.54	2.78	2.90	2.73	3.03	3.01			17
18	2.42	2.75	2.87	2.21	2.55	2.74	2.87	2.75	2.96	2.98			18
19	2.40	2.75	2.84	2.16	2.54	2.81	2.92	2.74	3.02	3.01			19
20	2.41	2.75	2.75	2.24	2.57	2.65	2.91	2.76	2.97	2.99			20
21	2.41	2.78	2.57	2.18	2.61	2.69	2.63	2.81	3.03	2.97			21
22	2.43	2.74	2.51	2.25	2.57	2.64	2.67	2.77	3.01	2.98			22
23	2.42	2.74	2.47	2.21	2.67	2.71	2.66	2.84	2.93	2.95			23
24	2.44	2.79	2.51	2.29	2.63	2.67	2.66	2.85	3.03	2.97			24
25	2.44	2.85	2.51	2.25	2.71	2.73	2.62	2.82	2.95	2.95			25
26	2.47	2.81	2.50	2.23	2.67	2.74	2.69	2.88	2.96	2.83	2.98		26
27	2.49	2.84	2.44	2.29	2.72	2.76	2.61	2.86	2.98	2.80	3.02		27
28	2.50	2.82	2.41	2.35	2.75	2.74	2.63	2.91	2.92	2.79	3.00		28
29	2.50		2.36	2.36	2.76	2.73	2.54	2.90	3.02	2.80	3.01		29
30	2.52		2.36	2.30	2.77	2.75	2.47	2.86	2.95	2.79	3.02		30
31	2.53		2.35		2.77		2.55	2.95		2.78			31
-MONTHLY SUMMARY-													
MEAN	2.47	2.71	2.75	2.26	2.54	2.73	2.76	2.72	2.96	2.94			MEAN
INST	2.13	2.51	2.31	2.09	2.28	2.62	2.46	2.50	2.85	2.74			INST
MAX	(1)	(1)	(30)	(15)	(1)	(21)	(30)	(1)	(3)	(27)			MAX
INST	2.64	2.98	3.08	2.45	2.86	2.90	3.02	3.03	3.10	3.13			INST
MIN	(31)	(29)	(15)	(1)	(31)	(19)	(15)	(31)	(22)	(3)			MIN

ENVIRONMENTAL DATA
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 528

TOWNSHIP OF E. GILLMURRY

CONC. 5

LOT 28

WELL REC #1 6900491
UTM CO-ORDS: 7-17 E627759 N4891917
LAT & LONG: 44-10 NORTH 79-24 WEST

REC METHOD: A71 RECORDER
REC COMMENT: NOV. 30 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: QUICKSAND 5.3,

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 5.3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: QUICKSAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.60	1.81		1.72		1.69	1.67	1.28	1.60	1.63	1.63	1.66	1
2	1.61	1.82		1.72		1.70	1.67	1.31	1.51	1.64	1.64	1.64	2
3	1.62	1.83		1.71		1.71	1.68	1.32	1.46	1.64	1.64	1.57	3
4	1.62	1.84		1.69		1.71	1.69	1.35	1.46	1.62	1.65	1.52	4
5	1.63	1.85	2.06	1.66		1.73	1.71	1.38	1.49	1.61	1.65	1.52	5
6	1.64	1.86	2.06	1.64		1.74	1.73	1.41	1.51	1.60	1.66	1.52	6
7	1.65	1.88	2.07	1.63		1.75	1.75	1.43	1.54	1.60	1.66	1.53	7
8	1.66	1.89	2.07	1.62		1.75	1.76	1.45	1.57	1.60	1.65	1.50	8
9	1.67	1.90	2.07	1.58	1.46	1.76	1.78	1.46	1.58	1.62	1.64	1.42	9
10	1.69	1.90	2.07	1.53	1.48	1.76	1.80	1.49	1.59	1.63	1.63	1.40	10
11	1.69	1.91	2.07	1.50	1.49	1.77	1.81	1.50	1.60	1.64	1.64	1.40	11
12	1.69	1.93	2.08	1.48	1.51	1.78	1.83	1.45	1.61	1.64	1.65	1.40	12
13	1.68	1.94	2.08	1.46	1.52	1.79	1.84	1.41	1.62	1.65	1.65	1.41	13
14	1.69	1.95	2.08	1.43	1.52	1.80	1.86	1.43	1.62	1.66	1.64	1.42	14
15	1.69	1.96	2.09	1.33	1.53	1.81	1.87	1.46	1.62	1.66	1.63	1.43	15
16	1.70	1.96	2.09	1.30	1.55	1.81	1.88	1.49	1.63	1.67	1.63	1.43	16
17	1.70	1.97	2.07	1.30	1.56	1.82	1.89	1.52	1.64	1.68	1.63	1.44	17
18	1.71	1.98	1.99	1.30	1.55	1.82	1.90	1.53	1.64	1.68	1.63	1.45	18
19	1.72	1.99	1.94	1.30	1.53	1.83	1.91	1.54	1.64	1.67	1.64	1.46	19
20	1.72	1.99	1.86	1.31	1.54	1.83	1.92	1.56	1.65	1.67	1.64	1.48	20
21	1.72	2.00	1.77	1.31	1.55	1.81	1.77	1.58	1.65	1.67	1.65	1.49	21
22	1.72	2.00	1.69	1.32	1.57	1.79	1.54	1.58	1.67	1.69	1.65	1.49	22
23	1.72	2.01	1.73	1.33	1.59	1.78	1.38	1.56	1.65	1.70	1.65	1.50	23
24	1.73	2.01	1.75		1.60	1.79	1.33	1.57	1.62	1.71	1.65	1.50	24
25	1.74		1.76		1.61	1.81	1.36	1.58	1.61	1.70	1.66	1.51	25
26	1.76		1.77		1.62	1.82	1.39	1.59	1.61	1.67	1.66	1.52	26
27	1.77		1.77		1.63	1.79	1.38	1.61	1.61	1.63	1.67	1.53	27
28	1.78		1.75		1.65	1.74	1.36	1.61	1.61	1.61	1.66	1.54	28
29	1.79		1.74		1.66	1.71	1.25	1.61	1.61	1.62	1.65	1.55	29
30	1.80		1.73		1.66	1.69	1.21	1.62	1.62	1.62	1.66	1.55	30
31	1.80		1.73		1.68		1.24	1.62		1.62		1.56	31
-MONTHLY SUMMARY-													
MEAN	1.70					1.77	1.65	1.49	1.59	1.65	1.65	1.49	MEAN
INST	1.60					1.68	1.20	1.26	1.45	1.60	1.63	1.40	INST
MAX	(1)					(30)	(30)	(1)	(3)	(6)	(1)	(10)	MAX
INST	1.81					1.83	1.92	1.62	1.67	1.71	1.67	1.66	INST
MIN	(31)					(20)	(20)	(31)	(22)	(24)	(27)	(1)	MIN

ENVIRONMENTAL DATA
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 527

TOWNSHIP OF GEORGINA

CONC. 7

LOT 17

WELL REC #1 6913678
UTM CO-ORDS: 7-17 E630200 N4903450
LAT & LONG: 44-17 NORTH 79-22 WEST

REC METHOD: A71 RECORDER
REC COMMENT: NOV. 30 1976
MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 223 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 3.80,

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 3.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: N.A.

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.94	2.52	2.64	2.09	1.50	2.37	2.60	2.23	2.19	2.41	2.10	2.03	1
2	1.99	2.53	2.65	2.09	1.52	2.38	2.60	2.24	2.19	2.42	2.12	2.00	2
3	2.02	2.54	2.66	2.09	1.54	2.38	2.61	2.25	2.16	2.41	2.11	1.93	3
4	2.04	2.56	2.67	2.05	1.58	2.39	2.62	2.28	2.12	2.40	2.09	1.86	4
5	2.06	2.58	2.67	2.02	1.60	2.41	2.64	2.32	2.11	2.35	2.11	1.82	5
6	2.11	2.60	2.68	2.02	1.64	2.42	2.65	2.35	2.13	2.32	2.11	1.82	6
7	2.11	2.61	2.68	2.00	1.68	2.42	2.67	2.39	2.16	2.29	2.09	1.83	7
8	2.17	2.63	2.69	1.98	1.71	2.41	2.68	2.42	2.18	2.27	2.08	1.81	8
9	2.22	2.64	2.69	1.94	1.74	2.40	2.70	2.43	2.21	2.27	2.05	1.74	9
10	2.26	2.65	2.90	1.89	1.77	2.41	2.71	2.45	2.23	2.28	2.03	1.69	10
11	2.26	2.66	2.90	1.85	1.80	2.44	2.73	2.46	2.25	2.29	2.02	1.68	11
12	2.25	2.68	2.91	1.81	1.85	2.46	2.75	2.47	2.28	2.30	2.02	1.66	12
13	2.27	2.69	2.91	1.79	1.87	2.47	2.78	2.47	2.31	2.32	2.01	1.68	13
14	2.26	2.71	2.91	1.75	1.89	2.49	2.79	2.47	2.32	2.34	2.00	1.69	14
15	2.29	2.72	2.91	1.62	1.93	2.50	2.81	2.47	2.34	2.35	1.98	1.71	15
16	2.30	2.73	2.92	1.55	1.96	2.52	2.82	2.48	2.36	2.36	1.97	1.73	16
17	2.30	2.74	2.92	1.51	2.00	2.53	2.83	2.50	2.37	2.37	1.97	1.75	17
18	2.31	2.75	2.87	1.49	1.99	2.55	2.84	2.52	2.39	2.37	1.97	1.75	18
19	2.33	2.76	2.81	1.49	1.98	2.56	2.86	2.53	2.41	2.37	2.00	1.80	19
20	2.35	2.77	2.70	1.49	1.99	2.56	2.87	2.55	2.42	2.37	2.01	1.83	20
21	2.35	2.78	2.49	1.51	2.02	2.55	2.81	2.57	2.44	2.37	2.02	1.85	21
22	2.35	2.79	2.26	1.53	2.06	2.54	2.87	2.56	2.46	2.37	2.03	1.86	22
23	2.36	2.79	2.20	1.54	2.10	2.53	2.88	2.58	2.44	2.39	2.03	1.87	23
24	2.38	2.80	2.18	1.57	2.13	2.53	2.91	2.61	2.44	2.39	2.03	1.88	24
25	2.40	2.81	2.18	1.59	2.16	2.54	2.98	2.63	2.42	2.37	2.03	1.92	25
26	2.42	2.82	2.20	1.60	2.19	2.55	2.97	2.60	2.40	2.33	2.04	1.93	26
27	2.45	2.82	2.19	1.61	2.23	2.57	2.96	2.60	2.40	2.27	2.03	1.96	27
28	2.46	2.83	2.14	1.61	2.27	2.58	2.93	2.61	2.39	2.21	2.01	1.98	28
29	2.46	2.83	2.10	1.56	2.31	2.59	2.96	2.61	2.39	2.16	2.01	1.99	29
30	2.50		2.09	1.51	2.33	2.59	2.99	2.61	2.40	2.12	2.03	2.00	30
31	2.51		2.08		2.35		2.24	2.61		2.10		2.02	31
-MONTHLY SUMMARY-													
MEAN	2.28	2.70	2.63	1.74	1.93	2.49	2.64	2.37	2.31	2.32	2.04	1.84	MEAN
INST	1.72	2.52	2.08	1.49	1.50	2.36	2.24	2.19	2.11	2.09	1.97	1.66	INST
MAX	(5)	(1)	(31)	(18)	(1)	(1)	(31)	(31)	(5)	(31)	(18)	(12)	MAX
INST	2.52	2.84	2.92	2.10	2.56	2.59	2.88	2.59	2.46	2.42	2.12	2.05	INST
MIN	(31)	(29)	(17)	(1)	(31)	(30)	(20)	(22)	(22)	(2)	(2)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 342

TOWNSHIP OF KING

OS 2

LOT 19

WELL REC #: 6902665
UTM CO-ORD: Z-17 E616574 N4884788
LAT & LONG: 44-07NORTH 79-33WEST

REC METHOD: A35 RECORDER
REC COMED: MAY 26 1971
MEASURE PT: 1.07 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 12,21 LIGHT SAND AND CLAY 62,51 HEAVY RED SAND 70,51 QUICKSAND AND GRAVEL 93,

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 91,2 METRES
LENGTH OF SCREEN: 0,9 METRES
DEPTH OF WELL: 92,1 METRES

PUMP RATE: 5,7 L/S
SPEC. CAP: 0,02 L/S/M
AQUIFER: SAND
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11,79	12,12	11,96	12,08	11,49			12,62	12,77	13,97	12,91	12,70	1
2	11,89	12,19	11,73	12,19	11,55			12,44	12,96	13,71	12,89	12,19	2
3	12,04	12,00	11,79	12,17	11,50			12,24	13,09	13,33	12,82	11,78	3
4	12,01	12,01	11,84	11,89	11,67			12,34	12,92	13,35	12,92	12,17	4
5	11,90	12,00	12,02	11,94	11,64			12,47	12,87	13,19	13,09	11,85	5
6	11,75	12,03	12,06	11,97	11,76			12,76	12,82	13,27	13,23	12,21	6
7	11,84	12,18	12,10	12,04	11,79			12,91	12,71	13,36	13,36	12,26	7
8	12,05	12,31	11,86	12,06	11,70			13,19	12,70	13,35	13,07	12,45	8
9	12,18	12,05	11,66	11,97	11,76			13,17	12,68	13,50	13,02	12,14	9
10	12,08	11,93	11,79	12,04	11,66			12,99	12,78	13,59	12,94	11,52	10
11	12,13	11,94	11,90	12,15	11,57			12,70	12,82	13,27	12,88	11,25	11
12	12,02	12,09	11,88	11,91	11,61			12,23	12,89	13,15	12,19	10,76	12
13	11,96	12,07	11,87	11,96	11,78			12,74	12,85	12,93	12,58	10,86	13
14	11,96	12,18	11,91	11,78	11,75			12,64	12,76	13,06	12,94	11,35	14
15	12,18	12,07	11,83	11,79	11,80			12,80	12,75	13,27	13,22	11,29	15
16	12,20	11,92	11,74	11,85	11,88			12,81	12,86	13,27	13,14	11,51	16
17	12,15	11,84	11,70	11,96	11,91			12,78	12,87	13,39	13,12	11,13	17
18	12,16	11,87	11,79	11,99	11,57			12,63	12,88	13,13	13,34	10,87	18
19	12,30	11,87	11,79	11,93	11,44			12,92	13,02	13,16	13,44	11,32	19
20	11,98	12,09	11,81	11,69	11,68			13,16	13,22	12,92	13,40	11,67	20
21	12,10	12,00	11,85	11,52	11,77		12,60	13,11	13,15	13,04	13,44	11,64	21
22	12,01	11,93	11,88	10,06	11,67		12,64	13,25	13,26	13,13	13,47	11,05	22
23	12,16	11,80	11,82	9,83	11,96		12,64	13,13	13,57	13,19	13,50	10,86	23
24	12,19	11,64	11,80	10,82	12,04		12,62	12,89	14,77	13,31	13,41	10,86	24
25	12,15	11,75	11,87	11,15	12,03		12,79	12,97	15,81	13,29	13,63		25
26	12,08	11,82	11,99	11,26	12,09		12,56	13,30	16,08	13,00	13,61		26
27	12,01	11,91	12,07	11,32			12,36	13,40	14,57	12,80	13,70		27
28	12,18	11,95	12,15	11,28			12,35	13,86	14,02	12,89	13,47	9,93	28
29	12,20	12,06		11,36			12,36	13,67	13,93	13,00	13,42	10,45	29
30	12,12		11,83	11,39			12,50	13,42	13,93	13,06	13,19	10,15	30
31	12,11		11,90				12,48	12,89		13,09		10,05	31
-MONTHLY SUMMARY-													
MEAN	12,06	11,99	11,87	11,64				12,92	13,34	13,23	13,18		MEAN
INST MAX	11,06 (7)	11,01 (25)	11,03 (10)	9,22 (23)				11,41 (12)	12,05 (7)	12,04 (28)	11,41 (12)		INST MAX
INST MIN	12,84 (28)	12,66 (8)	12,49 (29)	12,56 (3)				14,29 (30)	16,73 (26)	14,45 (1)	14,09 (27)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 343

TOWNSHIP OF KING

CONC. 3

LOT 9

WELL REC #: 6910967
UTM CO-ORD: Z-17 E615075 N4880425
LAT & LONG: 44-00NORTH 79-34WEST

REC METHOD: A35 RECORDER
REC COMED: MAY 26 1971
MEASURE PT: 0,8 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: PEAT (MUCK) 3,5,

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 3,5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3,5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: PEAT
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,28	0,59	0,77	0,50	0,31	0,58	0,59	0,41	0,70	0,58	0,43	0,86	1
2	0,30	0,60	0,78	0,50	0,30	0,59	0,59	0,41	0,68	0,58	0,43	0,87	2
3	0,31	0,61	0,78	0,50	0,30	0,59	0,59	0,42	0,66	0,58	0,43	0,85	3
4	0,32	0,62	0,79	0,49	0,30	0,60	0,59	0,42	0,65	0,57	0,43	0,85	4
5	0,34	0,63	0,80	0,47	0,31	0,60	0,60	0,43	0,64	0,55	0,44	0,85	5
6	0,35	0,64	0,80	0,46	0,33	0,61	0,60	0,44	0,63	0,55	0,44	0,87	6
7	0,38	0,65	0,81	0,45	0,34	0,62	0,62	0,45	0,62	0,54	0,44	0,89	7
8	0,41	0,66	0,81	0,44	0,36	0,62	0,62	0,47	0,62	0,53	0,46	0,91	8
9	0,43	0,67	0,82	0,42	0,37	0,63	0,64	0,49	0,62	0,52	0,47	0,90	9
10	0,45	0,68	0,82	0,40	0,39	0,63	0,65	0,50	0,62	0,52	0,49	0,90	10
11	0,46	0,69	0,82	0,38	0,41	0,64	0,66	0,51	0,63	0,51	0,51	0,91	11
12	0,45	0,69	0,80	0,37	0,41	0,65	0,67	0,52	0,63	0,51	0,52	0,92	12
13	0,46	0,70	0,79	0,36	0,43	0,66	0,69	0,54	0,63	0,51	0,54	0,94	13
14	0,46	0,71	0,79	0,34	0,44	0,66	0,69	0,55	0,64	0,52	0,55	0,96	14
15	0,47	0,71	0,79	0,18	0,44	0,66	0,69	0,56	0,64	0,52	0,56	0,98	15
16	0,48	0,72	0,79	0,15	0,46	0,66	0,69	0,57	0,63	0,53	0,57	1,00	16
17	0,49	0,72	0,79	0,18	0,47	0,66	0,70	0,58	0,63	0,53	0,59	1,03	17
18	0,50	0,74	0,74	0,21	0,47	0,66	0,70	0,60	0,63	0,52	0,61	1,07	18
19	0,50	0,73	0,67	0,24	0,47	0,66	0,71	0,62	0,63	0,52	0,63	1,10	19
20	0,51	0,74	0,61	0,25	0,47	0,65	0,72	0,63	0,63	0,51	0,65	1,14	20
21	0,51	0,74	0,56	0,27	0,46	0,63	0,69	0,64	0,63	0,51	0,67	1,17	21
22	0,52	0,74	0,52	0,28	0,49	0,61	0,64	0,66	0,63	0,51	0,70	1,19	22
23	0,52	0,75	0,50	0,30	0,49	0,60	0,59	0,67	0,62	0,51	0,73	1,17	23
24	0,53	0,75	0,49	0,32	0,50	0,59	0,56	0,67	0,61	0,50	0,75	1,13	24
25	0,53	0,75	0,49	0,33	0,51	0,59	0,53	0,69	0,60	0,50	0,76	1,10	25
26	0,54	0,76	0,49	0,34	0,52	0,58	0,52	0,70	0,60	0,48	0,78	1,07	26
27	0,55	0,76	0,49	0,34	0,53	0,59	0,51	0,71	0,59	0,47	0,80	1,05	27
28	0,55	0,76	0,49	0,35	0,54	0,59	0,50	0,71	0,58	0,45	0,82	1,00	28
29	0,57	0,76	0,50	0,34	0,55	0,60	0,47	0,71	0,58	0,44	0,83	0,96	29
30	0,58		0,50	0,32	0,56	0,60	0,43	0,70	0,58	0,44	0,85	0,92	30
31	0,59		0,50		0,57		0,42	0,70		0,43		0,89	31
-MONTHLY SUMMARY-													
MEAN	0,46	0,70	0,68	0,35	0,44	0,62	0,61	0,57	0,63	0,51	0,60	0,98	MEAN
INST MAX	0,27 (1)	0,59 (1)	0,49 (26)	0,14 (15)	0,30 (3)	0,57 (1)	0,41 (31)	0,41 (1)	0,58 (30)	0,43 (30)	0,43 (1)	0,85 (4)	INST MAX
INST MIN	0,59 (31)	0,76 (28)	0,83 (9)	0,50 (1)	0,57 (31)	0,66 (17)	0,72 (21)	0,72 (27)	0,79 (1)	0,58 (1)	0,85 (30)	1,20 (22)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 538

TOWNSHIP OF KING

CONC. 8

LOT 8

WELL REC #1 6914591
UTM CO-ORDS: Z-17 E608400 N4862675
LAT & LONG: 43-54N08W 79-39W51

REC METHOD: A-71 RECORDER
REC COMM: JUL. 29 1978
MEASURED TO: 0.0 METRES ABOVE GROUND SURFACE
GND. ELEV: 274.5 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 0.7.

DIAMETER OF WELL: 121.9 CM
LENGTH OF CASING: NONE
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.65 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.26	1.90				2.03		1.55	2.36	2.42			1
2	1.24	1.93				2.05		1.63	2.33	2.42			2
3	1.33	1.97				1.98		1.59	2.33	2.39			3
4	1.33	2.00				1.98		1.67	2.35	2.29			4
5	1.33	2.04				2.02		1.75	2.37	2.32			5
6	1.31	2.07				2.05		1.82	2.38	2.36			6
7	1.32	2.06				2.06		1.88	2.39	2.38			7
8	1.29				1.43	2.07		1.92	2.40	2.40			8
9	1.27				1.48	2.09		1.95	2.41	2.43			9
10	1.28				1.54	2.11		2.00	2.42	2.44			10
11	1.55				1.58	2.15		2.04	2.42	2.45			11
12	1.76				1.64	2.18		2.07	2.42				12
13	1.70				1.67	2.19			2.43				13
14	1.66				1.60	2.18			2.42		2.17		14
15	1.62				1.60	2.18			2.42		2.08		15
16	1.62				1.66	2.17	2.27		2.43		2.06		16
17	1.63				1.70	2.14	2.28		2.42		2.06		17
18	1.64				1.60	2.14	2.30		2.40		2.07		18
19	1.65				1.50	2.15	2.32		2.41				19
20	1.66				1.50	1.96	2.31		2.42				20
21	1.70				1.55	1.97	2.17		2.43				21
22	1.74				1.62	2.03	2.13		2.43				22
23	1.76			1.33	1.69	2.06	2.06		2.32				23
24	1.77			1.39	1.75	2.09	2.12		2.33				24
25	1.76			1.41	1.80	2.12	2.17		2.36				25
26	1.76			1.41	1.85	2.13	2.20		2.35				26
27	1.79			1.44	1.89	2.15	2.22		2.36				27
28	1.81			1.34	1.92		1.85	2.37	2.38				28
29	1.83			1.02	1.95		1.25	2.38	2.40				29
30	1.84			1.01	1.98		1.35	2.38	2.41				30
31	1.87				2.00		1.45	2.38					31
-MONTHLY SUMMARY-													
MEAN	1.59								2.39				MEAN
INST	1.24								2.31				INST
MAX	(11)								(23)				MAX
INST	1.89								2.44				INST
MIN	(31)								(22)				MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 540

TOWNSHIP OF KING

CONC. 3

LOT 8

WELL REC #1 6914593
UTM CO-ORDS: Z-17 E619610 N4866430
LAT & LONG: 43-56N08W 79-31W51

REC METHOD: A-71 RECORDER
REC COMM: JUL. 27 1978
MEASURED TO: 0.4 METRES ABOVE GROUND SURFACE
GND. ELEV: 289.8 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 0.2.

DIAMETER OF WELL: 91.4 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.2 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: OVERBURDEN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.53	0.76	1.08	0.54	0.50	0.65	0.87	0.54	1.10	1.40	1.10		1
2	0.53	0.80	1.11	0.57	0.50	0.61	0.89	0.55	1.03	1.41	1.11		2
3	0.54	0.84	1.15	0.57	0.50	0.56	0.95	0.51	1.04	1.41	1.12		3
4	0.54	0.86	1.17	0.48	0.52	0.58	1.00	0.54	1.08	1.39	1.10		4
5	0.53	0.87	1.17	0.50	0.53	0.65	1.04	0.56	1.12	1.38	1.09		5
6	0.55	0.89	1.16	0.52	0.53	0.66	1.07	0.59	1.16	1.37	1.09		6
7	0.53	0.90	1.14	0.52	0.53	0.62	1.10	0.64	1.19	1.37	1.07		7
8	0.54	0.92	1.06	0.46	0.53	0.65	1.12	0.64	1.22	1.38	1.00		8
9	0.55	0.93	1.07	0.42	0.53	0.67	1.14	0.64	1.24	1.41	0.97		9
10	0.56	0.94	0.90	0.45	0.54	0.70	1.16	0.71	1.25	1.42	0.93		10
11	0.48	0.94	0.78	0.49	0.54	0.73	1.18	0.75	1.27	1.43	0.93		11
12	0.51	0.96	0.91	0.47	0.54	0.76	1.20	0.73	1.29	1.44	0.93		12
13	0.51	0.97	0.95	0.49	0.52	0.79	1.22	0.78	1.31	1.46	0.94		13
14	0.49	0.97	0.99	0.45	0.51	0.82	1.24	0.80	1.31	1.47	0.93		14
15	0.50	0.97	1.04	0.44	0.52	0.76	1.22	0.84	1.32	1.48	0.85		15
16	0.52	0.97	1.06	0.49	0.53	0.78	1.18	0.86	1.33	1.49	0.83		16
17	0.50	0.99	0.95	0.50	0.53	0.83	1.16	0.91	1.33	1.49	0.84		17
18	0.51	1.00	0.67	0.50	0.49	0.86	1.18	0.91	1.34	1.47	0.85		18
19	0.52	1.01	0.67	0.50	0.51	0.85	1.21	0.92	1.35	1.45	0.86		19
20	0.52	1.01	0.57	0.49	0.52	0.84	1.17	0.96	1.36	1.44			20
21	0.52	1.02	0.46	0.50	0.52	0.82	0.89	0.99	1.37	1.44			21
22	0.52	1.00	0.59	0.51	0.53	0.72	0.90	0.99	1.38	1.44			22
23	0.53	0.99	0.66	0.51	0.53	0.78	0.92	0.95	1.35	1.46			23
24	0.56	0.95	0.53	0.51	0.54	0.84	0.99	1.01	1.34	1.46			24
25	0.61	0.97	0.53	0.50	0.56	0.88	1.05	1.05	1.35	1.43			25
26	0.63	0.98	0.55	0.51	0.58	0.92	1.07	1.07	1.35	1.42			26
27	0.63	0.98	0.55	0.51	0.59	0.96	1.03	1.09	1.34	1.47			27
28	0.63	1.02	0.56	0.46	0.61	0.91	0.99	1.08	1.35	1.46			28
29	0.65	1.04	0.56	0.46	0.62	0.83	0.90	1.07	1.37	1.47			29
30	0.66		0.57	0.49	0.65	0.80	0.92	1.09	1.38	1.48			30
31	0.72		0.54		0.65		0.93	1.10		1.48			31
-MONTHLY SUMMARY-													
MEAN	0.55	0.95	0.83	0.49	0.54	0.74	1.02	0.84	1.27	1.36			MEAN
INST	0.43	0.74	0.43	0.33	0.46	0.51	0.44	0.44	1.02	1.06			INST
MAX	(11)	(11)	(21)	(14)	(2)	(3)	(29)	(2)	(3)	(28)			MAX
INST	0.74	1.06	1.18	0.59	0.67	0.97	1.25	1.11	1.39	1.49			INST
MIN	(31)	(24)	(4)	(3)	(31)	(28)	(14)	(28)	(30)	(17)			MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 10A

TOWNSHIP OF MARKHAM

CONC. 3

LOT 6

WELL REC #1: 6911474
UTM CO-ORD: 7-17 E632292 N4854345
LAT & LONG: 43-50NORTH 79-21WEST

REC METHOD: 1" TYPE RECORDER
REC COMMENT: SEP 15 1963
MEASURE PT: 0.4 METRES ABOVE GROUND SURFACE
GND ELEV: 185 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY CLAY, GRAVEL 12.2; DIRTY SILT 12.3; SAND AND GRAVEL 18.3; SAND AND GRAVEL 21.3; SAND, GRAVEL AND
BOULDER 26; FINE SAND 30.2; HARD PACKED SAND, GRAV EL 31.7.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 26.4 METRES
LENGTH OF SCREEN: 5.3 METRES
DEPTH OF WELL: 31.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1960
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.18	13.27	13.37	13.34	13.15	13.12	13.13	13.11	13.18	13.23	13.20	13.21	1
2	13.19	13.28	13.34	13.35	13.14	13.11	13.13	13.10	13.17	13.23	13.24	13.20	2
3	13.22	13.28	13.31	13.34	13.12	13.11	13.13	13.09	13.19	13.24	13.23	13.22	3
4	13.22		13.30	13.27	13.11	13.14	13.13	13.10	13.19	13.24	13.18	13.26	4
5	13.19		13.29	13.30	13.08	13.14	13.11	13.11	13.17	13.28	13.19	13.24	5
6	13.19		13.35	13.34		13.09	13.11	13.11	13.18	13.29	13.19	13.22	6
7	13.15	13.30	13.35	13.33		13.08		13.10		13.26	13.18	13.20	7
8	13.22	13.32	13.33	13.31		13.09		13.08		13.23	13.20	13.18	8
9	13.24	13.30	13.33	13.28	13.12	13.08	13.19	13.08		13.27	13.19	13.18	9
10	13.24	13.27	13.31	13.27	13.12	13.11	13.19	13.10	13.19	13.27	13.21	13.17	10
11	13.16	13.25	13.33	13.29	13.09	13.15	13.18	13.10	13.19	13.23	13.25	13.17	11
12	13.21	13.27	13.38	13.27	13.12	13.15	13.19	13.09	13.21	13.24	13.25	13.14	12
13	13.23	13.31	13.37	13.28	13.11	13.12	13.20	13.12	13.21	13.28	13.23	13.13	13
14	13.20	13.31	13.34	13.25	13.11	13.09	13.21	13.11	13.19	13.29	13.21	13.13	14
15	13.24	13.31	13.39	13.21	13.14	13.09	13.20	13.11	13.20	13.29	13.22	13.13	15
16	13.23	13.25	13.39	13.26	13.16	13.12	13.19	13.13	13.21	13.29	13.24	13.12	16
17	13.20	13.27	13.33	13.27	13.15	13.12	13.19	13.15	13.20	13.27	13.24	13.12	17
18	13.20	13.30	13.35	13.24	13.10	13.11	13.22	13.13	13.23	13.24	13.21	13.10	18
19	13.22	13.30	13.38	13.22	13.09	13.09	13.22	13.13	13.24	13.23	13.21	13.12	19
20	13.22	13.29	13.35	13.20	13.11	13.09	13.21	13.13	13.22	13.23	13.22	13.17	20
21	13.20	13.30	13.29	13.19	13.10	13.12	13.21	13.13	13.21	13.24	13.21	13.17	21
22	13.16	13.29	13.34	13.18	13.10	13.12	13.21	13.14	13.21	13.28	13.23	13.16	22
23	13.16	13.30	13.37	13.16	13.10	13.12	13.20	13.18	13.23	13.31	13.23	13.13	23
24	13.18	13.31	13.34	13.16	13.09	13.11	13.20	13.16	13.26	13.27	13.22	13.10	24
25	13.21	13.32	13.32	13.16	13.08	13.11	13.20	13.16	13.24	13.21	13.22	13.12	25
26	13.25	13.34	13.35	13.18	13.11	13.09	13.20	13.17	13.23	13.20	13.26	13.13	26
27	13.26	13.29	13.37	13.17	13.13	13.11	13.20	13.17	13.26	13.24	13.24	13.14	27
28	13.25	13.32	13.35	13.16	13.13	13.11	13.20	13.19	13.27	13.23	13.19	13.15	28
29	13.26	13.35	13.33	13.15	13.13	13.08	13.19	13.19	13.27	13.24	13.17	13.14	29
30	13.28		13.32	13.15	13.12	13.10	13.16	13.18	13.25	13.24	13.20	13.14	30
31	13.27		13.32		13.11		13.14	13.18		13.21		13.14	31

-MONTHLY SUMMARY-

MEAN	13.21		13.34	13.24		13.11		13.13		13.25	13.22	13.16	MEAN
INST	13.12		13.28	13.15		13.06		13.07		13.19	13.17	13.10	INST
MAX	(7)		(21)	(30)		(8)		(9)		(26)	(7)	(16)	MAX
INST	13.28		13.40	13.35		13.15		13.19		13.31	13.26	13.26	INST
MIN	(30)		(16)	(3)		(12)		(28)		(23)	(26)	(4)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 305

TOWNSHIP OF MARKHAM

CONC. 9

LOT 26

WELL REC #1: 6910969
UTM CO-ORD: 7-17 E642160 N4866300
LAT & LONG: 43-56NORTH 79-14WEST

REC METHOD: 1" TYPE RECORDER
REC COMMENT: JUNE 1970
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 237 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN TILL 6.1.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 20 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: TILL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.93				0.72	1.36	1.31	1.06	1.36	1.38	1.06		1
2	0.94				0.78	1.35	1.32	1.12	1.04	1.39	1.09		2
3	0.97				0.82	1.33	1.35	1.11	0.90	1.38	1.11		3
4	1.00			1.04	0.84	1.29	1.38	1.15	0.98	1.30	1.13		4
5	1.03			0.98	0.88	1.30	1.41	1.20	1.08	1.23	1.13	1.49	5
6	1.04			1.00		1.30		1.22	1.17	1.19	1.15	1.49	6
7	1.07	1.42		1.02		1.28		1.25	1.24	1.18	1.15	1.45	7
8	1.10	1.42		1.00		1.27		1.24		1.18	1.09	1.39	8
9	1.12	1.43		0.78	0.99	1.28	1.47	1.22		1.22	1.06	1.40	9
10	1.15	1.43		0.71	1.01	1.29	1.48	1.24	1.39	1.25	1.09	1.42	10
11	1.11	1.44		0.76	1.03	1.30	1.49	1.28	1.42	1.27	1.10	1.44	11
12	1.00	1.45		0.77	1.06	1.33	1.49	1.30	1.44	1.28	1.10	1.46	12
13	1.02	1.45		0.76	1.07	1.36	1.50	1.32	1.46	1.31	1.13	1.47	13
14	1.05	1.46		0.70	1.03	1.39	1.51	1.36	1.46	1.34	1.09	1.48	14
15	1.08	1.46		0.50	1.02	1.40	1.52	1.38	1.46	1.36	1.09	1.49	15
16	1.09	1.46		0.62	1.05	1.39	1.52	1.41	1.46	1.38	1.09	1.50	16
17	1.10	1.47		0.72	1.09	1.41	1.52	1.43	1.47	1.37	1.05	1.51	17
18	1.08	1.47		0.78	1.06	1.42	1.52	1.44	1.47	1.25	1.01	1.53	18
19	1.08	1.48		0.82	1.01	1.42	1.53	1.46	1.47	1.15	1.00	1.54	19
20	1.08	1.48		0.84	1.01	1.36	1.52	1.48	1.48	1.12	1.00	1.54	20
21	1.09	1.48		0.87	1.04	1.30	1.44	1.49	1.48	1.11	1.01	1.54	21
22	1.10	1.48		0.90	1.09	1.32	1.39	1.49	1.49	1.12	1.04	1.54	22
23	1.12	1.48		0.92	1.11	1.35	1.35	1.50	1.45	1.13	1.07	1.55	23
24	1.14	1.48		0.94	1.12	1.38	1.32	1.51	1.40	1.15	1.06	1.56	24
25	1.19	1.47		0.95	1.17	1.40	1.34	1.52	1.38	1.11	1.07	1.56	25
26	1.23	1.46		0.96	1.23	1.42	1.37	1.53	1.36	0.89		1.56	26
27	1.25	1.46		0.96	1.28	1.43	1.38	1.54	1.33	0.94			27
28	1.27	1.47		0.84	1.30	1.41	1.36	1.54	1.33	0.98			28
29		1.47		0.63	1.32	1.35	1.20	1.54	1.34	1.00			29
30				0.66	1.34	1.31	1.06	1.53	1.36	1.00			30
31					1.35		1.03	1.46		1.03			31

-MONTHLY SUMMARY-

MEAN						1.35		1.37		1.19			MEAN
INST						1.27		1.03		0.84			INST
MAX						(8)		(1)		(26)			MAX
INST						1.44		1.54		1.40			INST
MIN						(27)		(10)		(2)			MIN

ENVIRONMENTAL ONTARIO
TOWNSHIP
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 300
TOWNSHIP OF WHITCHURCH

CONC. 5 LOT 27

WELL REC #1 6910965
DTH CO-ORDS: 7-17 EAS2050 N40878700
LAT & LONG: 44-0040NORTH 79-21WEST

WELL METHOD: 100 TYPE RECORDER
REC COMMENT: MAY 26 1971
MEASURE PIT: 0.6 METRES ABOVE GROUND SURFACE
GND LEVEL: 200 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: TOPSOIL 1.4; SAND 8.8;

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 8.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 8.8 METRES

PUMP RATE: N/A
SPEC. CAP: N/A
ADDITION: 1 SAND
QUALITY: 1 FRESH

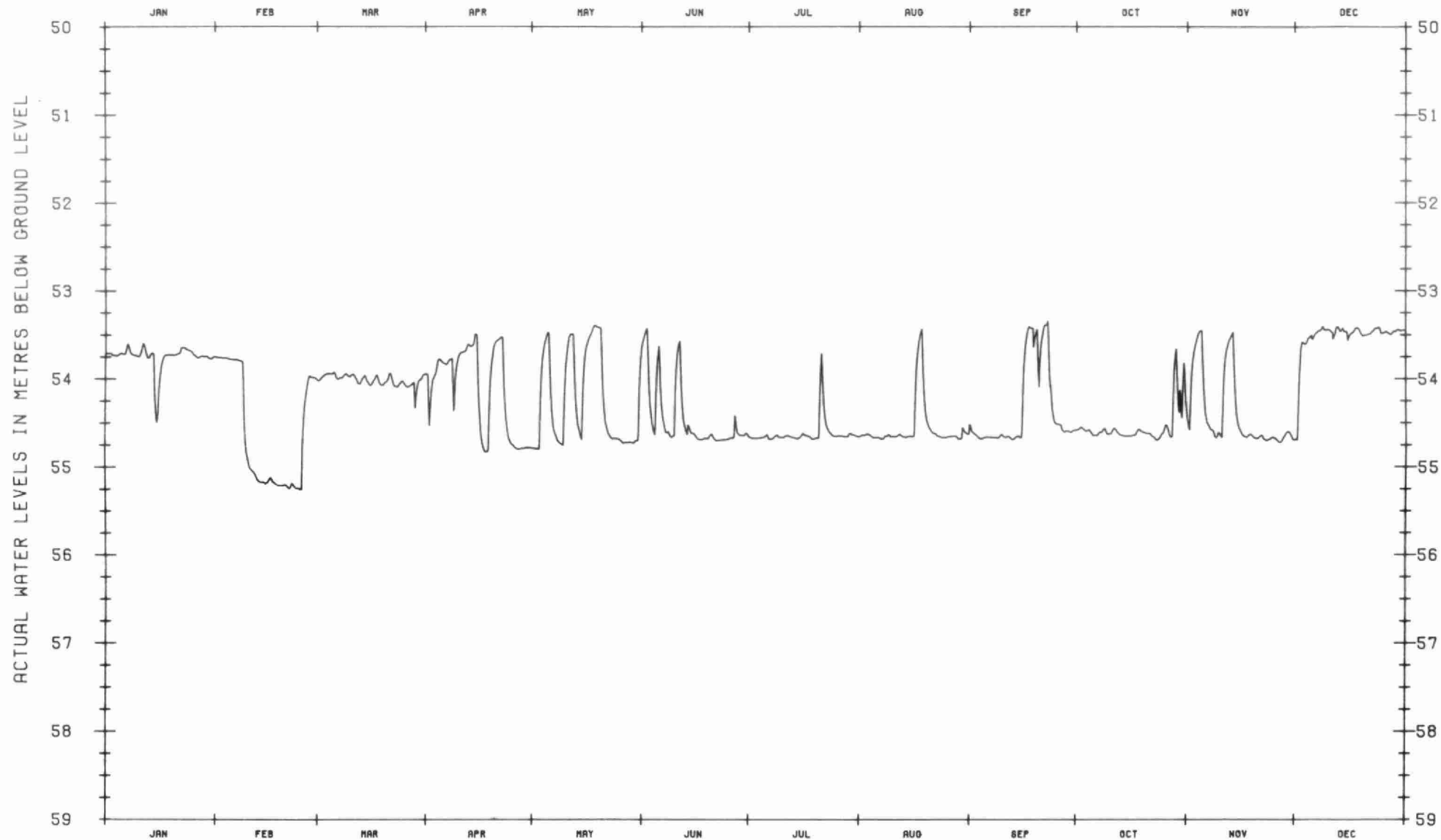
1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

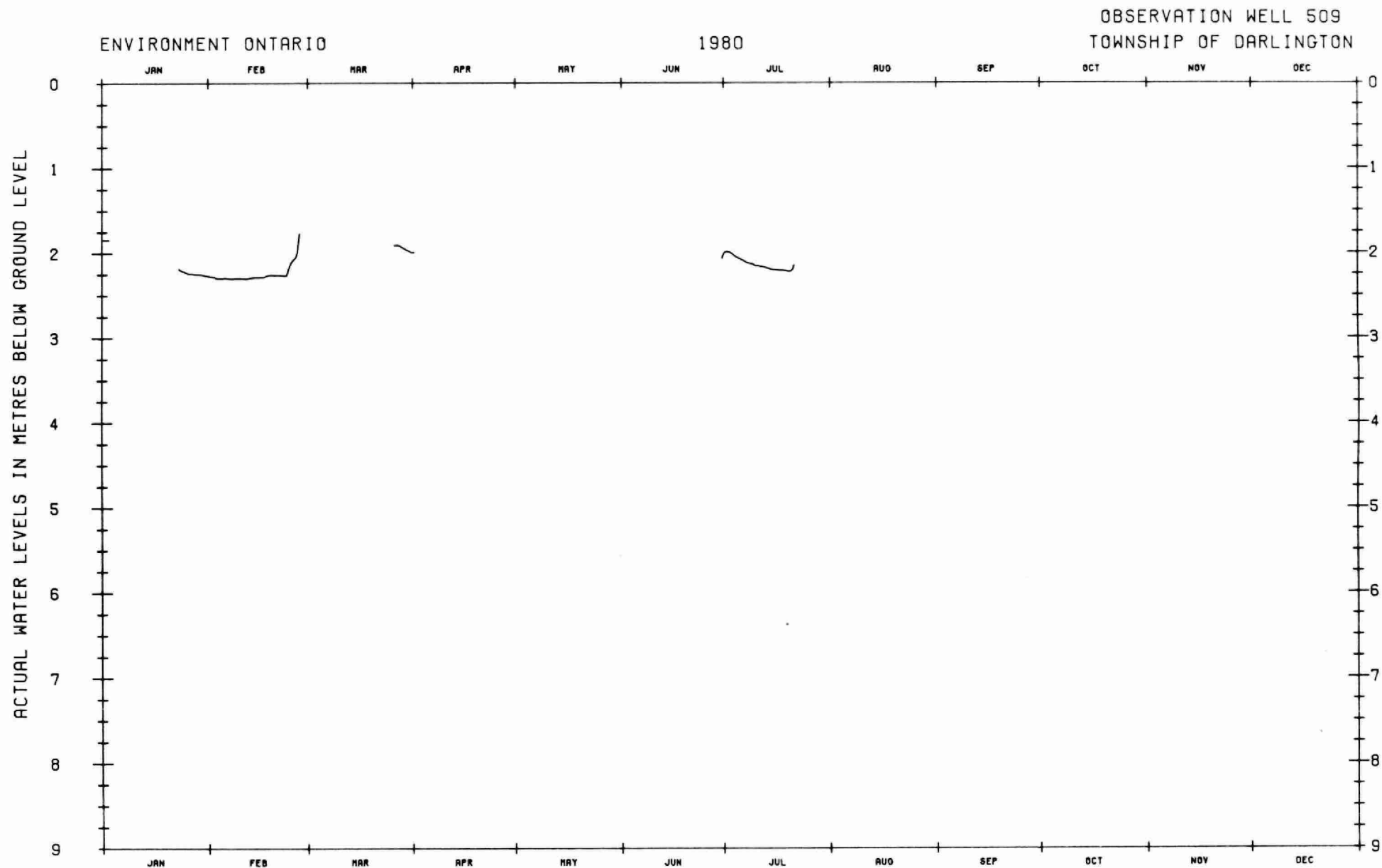
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	4.26		6.07		3.88	5.37	5.88	5.84	6.20	6.17		5.64	1
2	4.33		6.08		3.87	5.40	5.90	5.81	6.20	6.16		5.63	2
3	4.41		6.09		3.86	5.43	5.91	5.79	6.20	6.14		5.61	3
4	4.48		6.09	5.27	3.87	5.48	5.92	5.79	6.20	6.14		5.55	4
5	4.54		6.10	5.23		5.51	5.93	5.78	6.20	6.13		5.44	5
6	4.62		6.11	5.21		5.54	5.94	5.79	6.20	6.12		5.34	6
7	4.68	5.70	6.13	5.19		5.55	5.96	5.79	6.20			5.26	7
8	4.80	5.73	6.14	5.16		5.57	5.97	5.80	6.20			5.20	8
9	4.91	5.76	6.14	5.01	4.28	5.59	5.99	5.81	6.19		5.92	5.10	9
10	5.00	5.78	6.15	4.75	4.35	5.61	6.01	5.83	6.19		5.81	4.91	10
11	4.52	5.79	6.14	4.57	4.40	5.64	6.02	5.84	6.20		5.81	4.76	11
12	4.18	5.81	6.15	4.46	4.07	5.67	6.04	5.85	6.20		5.81	4.67	12
13	4.39	5.85	6.16	4.41	4.53	5.70	6.06	5.87	6.21		5.79	4.61	13
14	4.53	5.88	6.17	4.27	4.58	5.71	6.08	5.89	6.21		5.77	4.62	14
15	4.68	5.90	6.18	3.76	4.62	5.72	6.09	5.91	6.22		5.76	4.66	15
16	4.77	5.91	6.19	3.70	4.66	5.74	6.11	5.93	6.22		5.75	4.70	16
17	4.83	5.92	6.19	3.76	4.70	5.77	6.12	5.95	6.22		5.73	4.74	17
18	4.90	5.93	6.01	3.82	4.72	5.78	6.13	5.98	6.22		5.71	4.77	18
19	4.97	5.95	5.33	3.89	4.74	5.79	6.15	6.00	6.23		5.69	4.80	19
20	5.03	5.96	4.41	3.97	4.76	5.80	6.17	6.01	6.23		5.68	4.88	20
21	5.05	5.98	3.85	4.04	4.79	5.81	6.17	6.03	6.23		5.67	4.94	21
22	5.06	5.99		4.07	4.82	5.82	6.16	6.05	6.23		5.67	5.00	22
23	5.09	6.00		4.11	4.87	5.82	6.13	6.07	6.23		5.66	5.03	23
24	5.13	6.01		4.18	4.92	5.82	6.10	6.09	6.23		5.67	5.05	24
25	5.18	6.02		4.24	4.97	5.83	6.07	6.11	6.23		5.67	5.07	25
26	5.26	6.04		4.27	5.05	5.85	6.04	6.13	6.22		5.68	5.13	26
27	5.32	6.04			5.12	5.84	6.01	6.14	6.21		5.67	5.15	27
28	5.36	6.04			5.18	5.85	5.99	6.16	6.21		5.65	5.21	28
29	5.41	6.05		4.09	5.23	5.86	5.96	6.17	6.20		5.63	5.25	29
30	5.45			3.93	5.26	5.87	5.92	6.19	6.19		5.63	5.28	30
31					5.32		5.88	6.20				5.30	31
-MONTHLY SUMMARY-													
MEAN						5.69	6.03	5.95	6.21			5.07	MEAN
INST						5.34	5.86	5.78	6.18			4.60	INST
MAX						(1)	(31)	(5)	(30)			(13)	MAX
INST						5.88	6.18	6.20	6.23			5.64	INST
MIN						(30)	(21)	(31)	(20)			(2)	MIN

ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 526
TOWNSHIP OF CLARKE

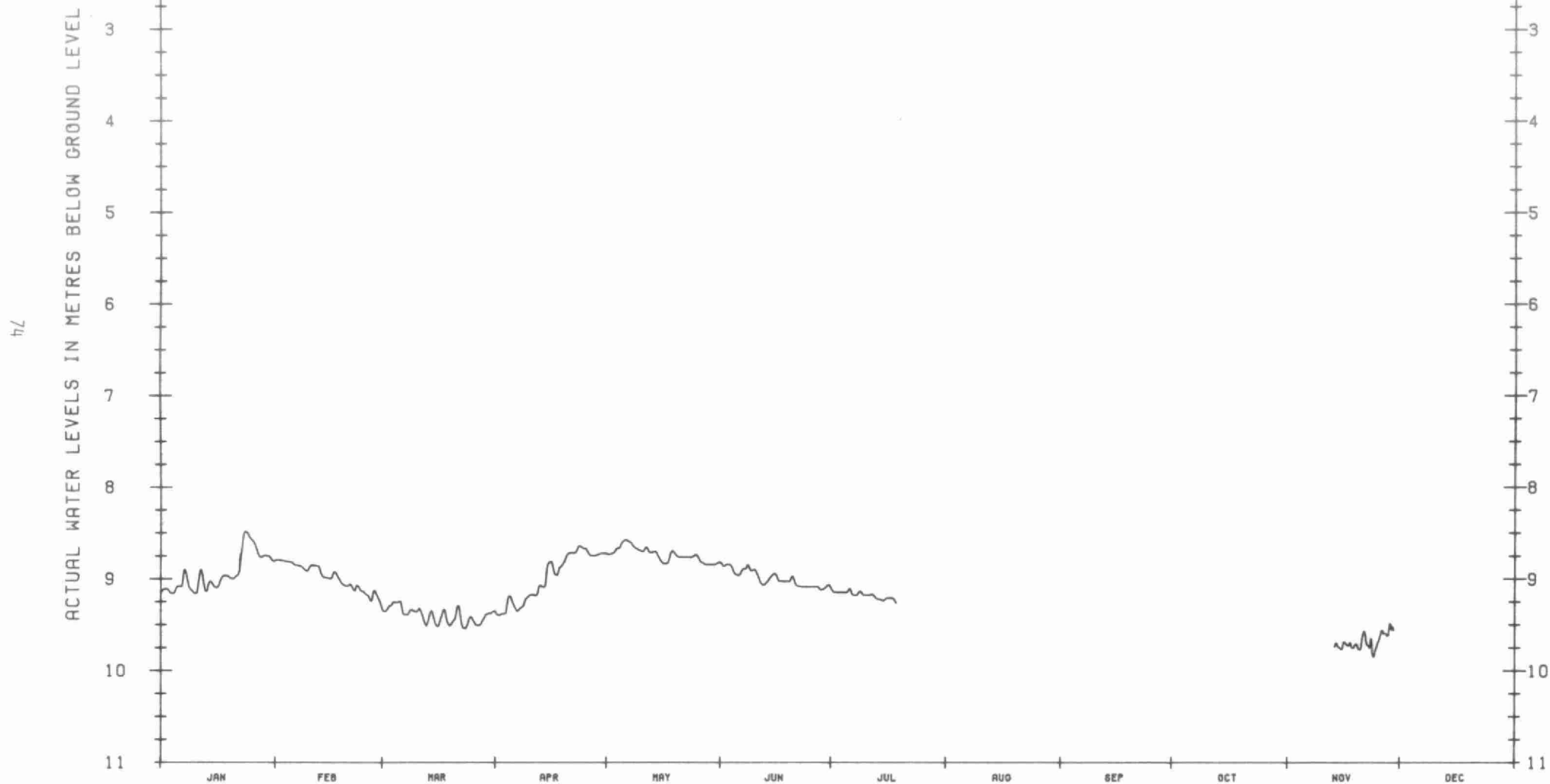




ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 405
TOWNSHIP OF PICKERING

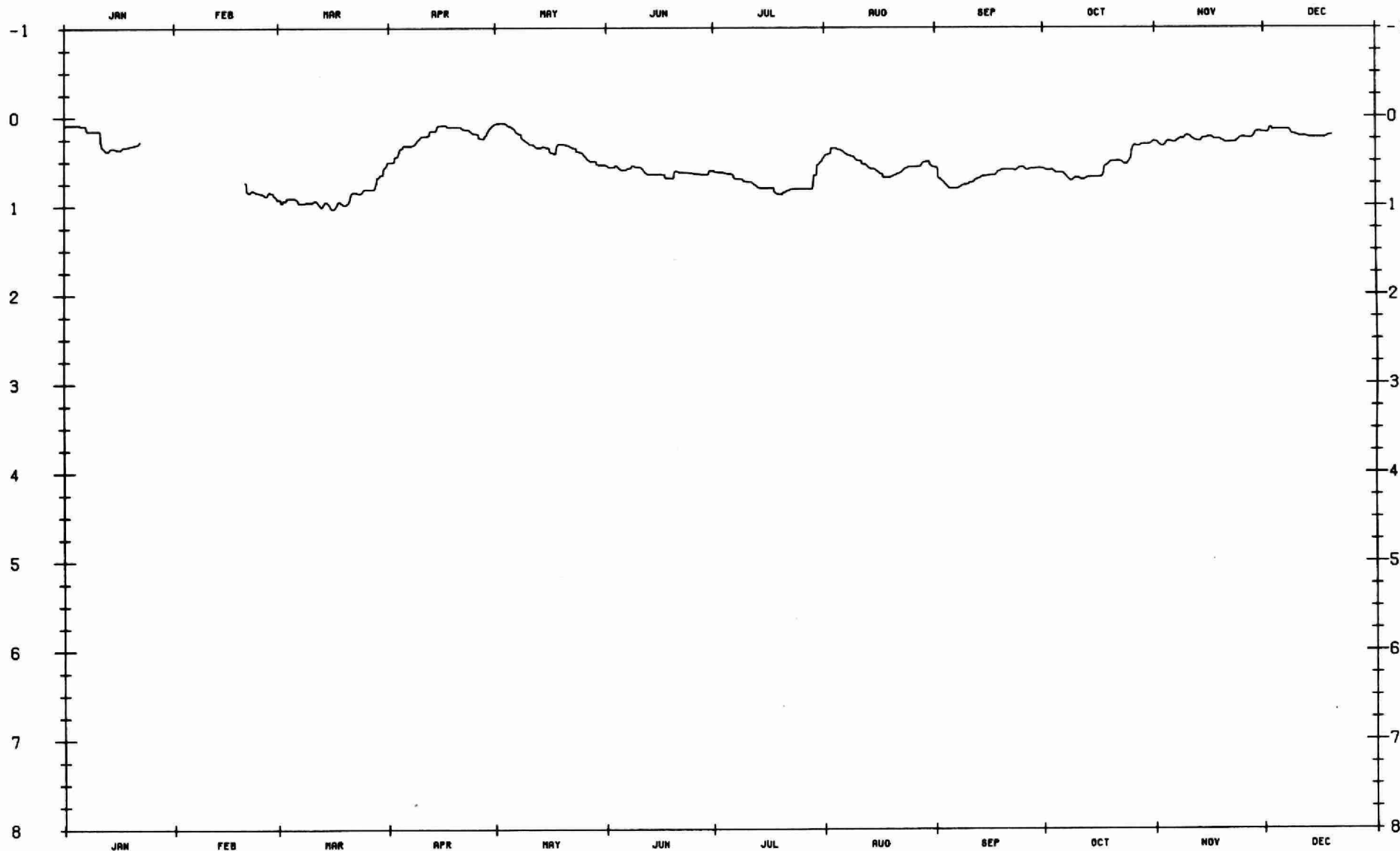


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 406
TOWN OF PICKERING

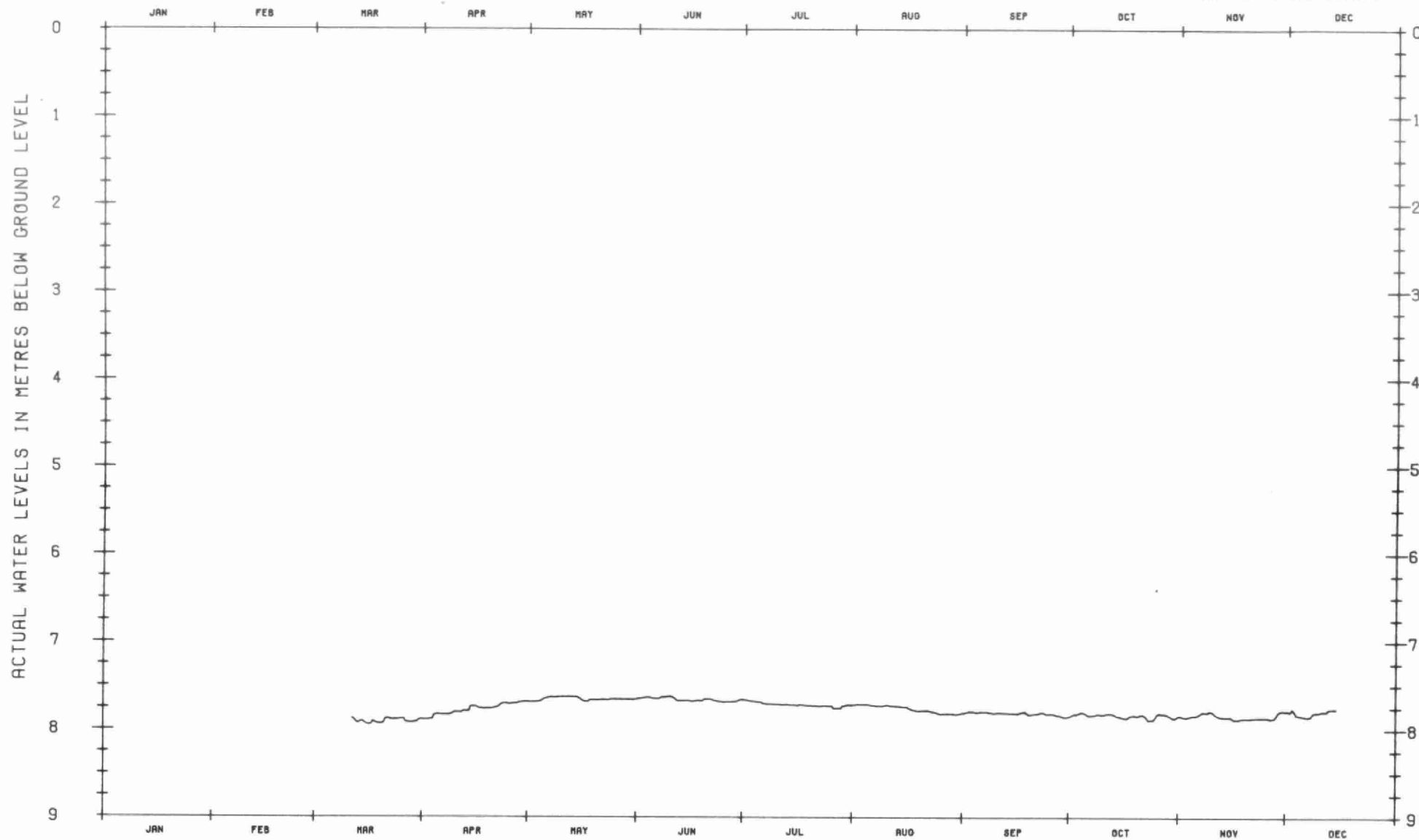
75
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL



ENVIRONMENT ONTARIO

1980

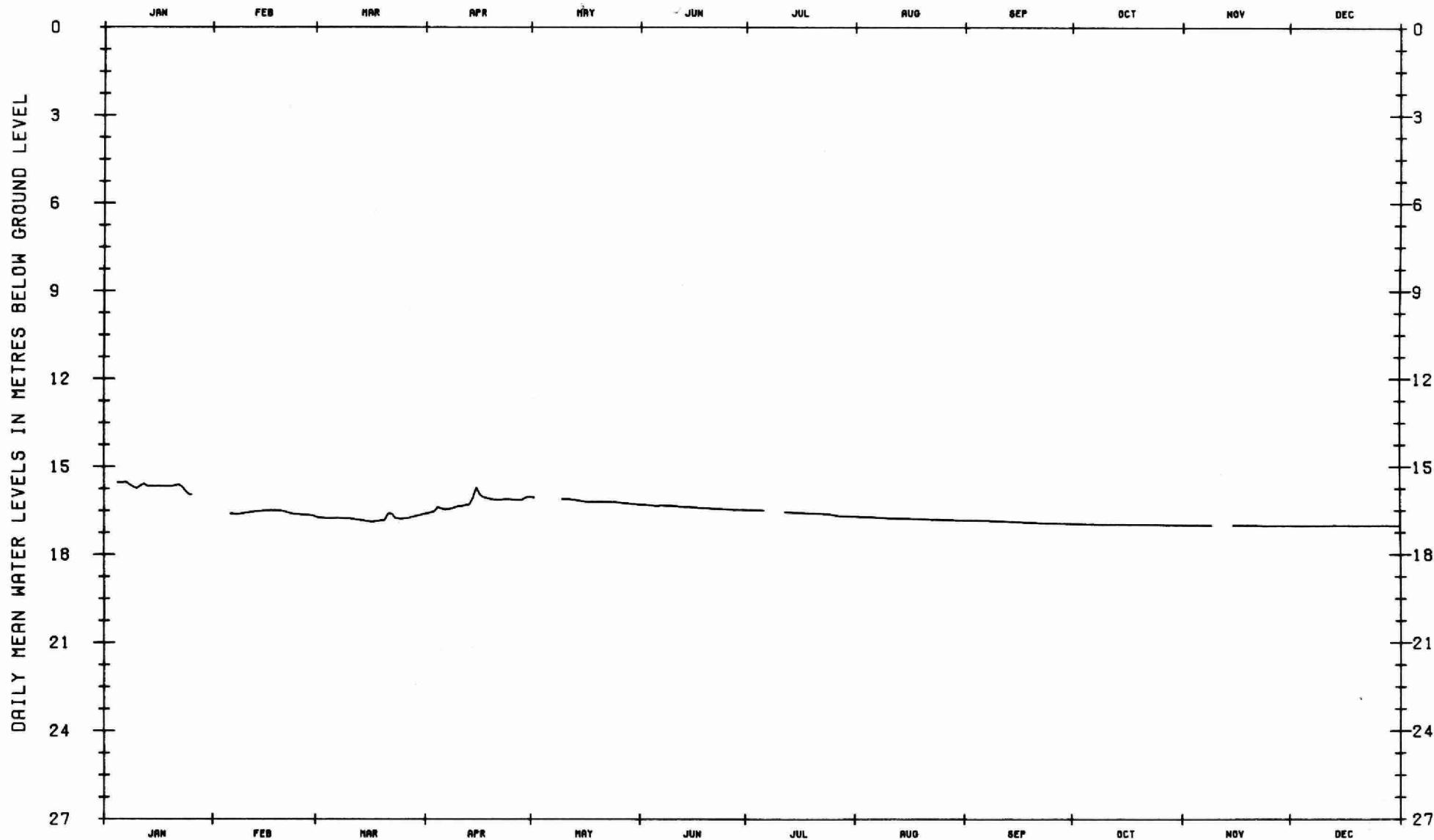
OBSERVATION WELL 512
TOWNSHIP OF PICKERING



ENVIRONMENT ONTARIO

1980

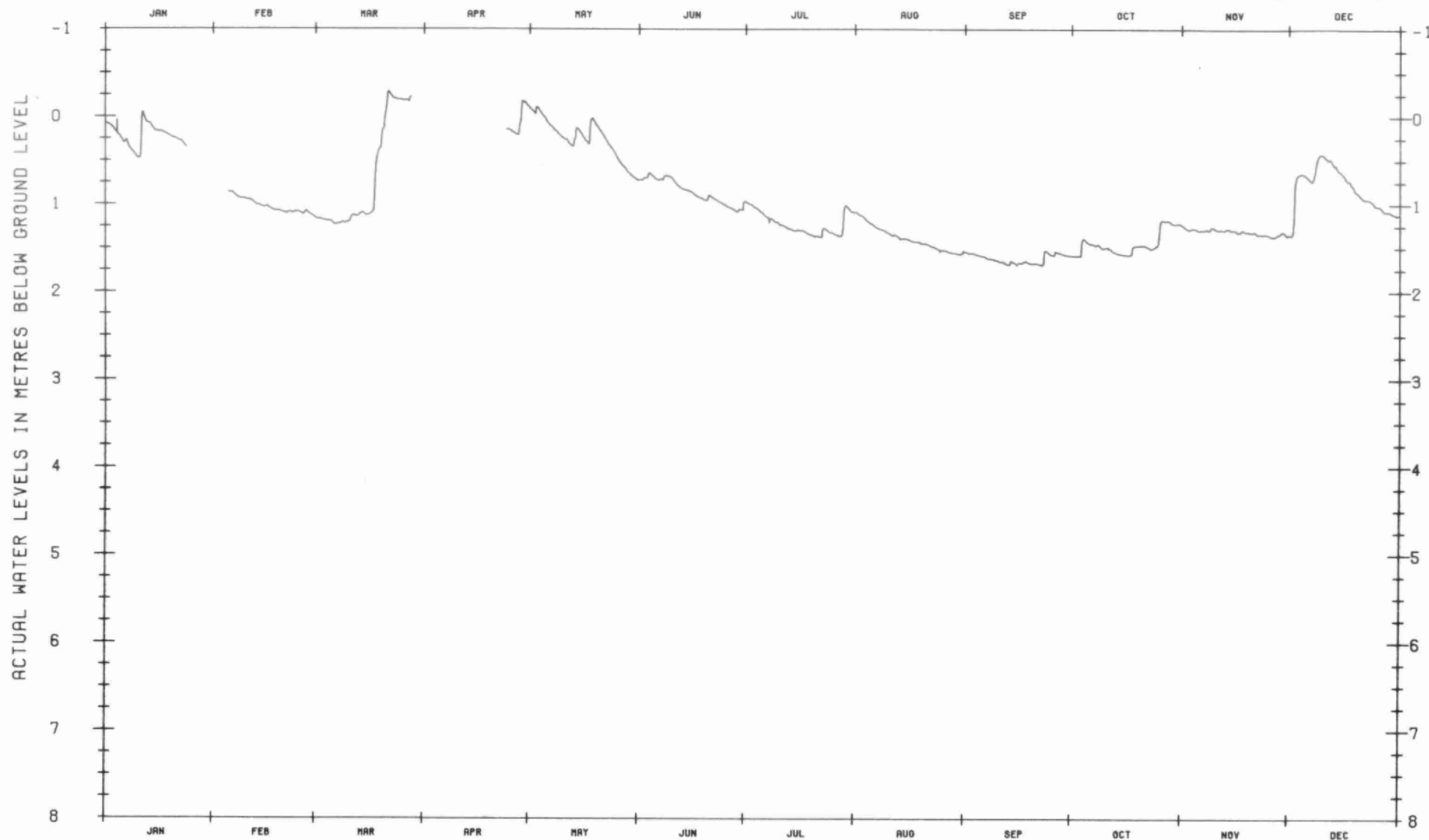
OBSERVATION WELL 531
CITY OF BURLINGTON



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 437
TOWNSHIP OF ESQUESING



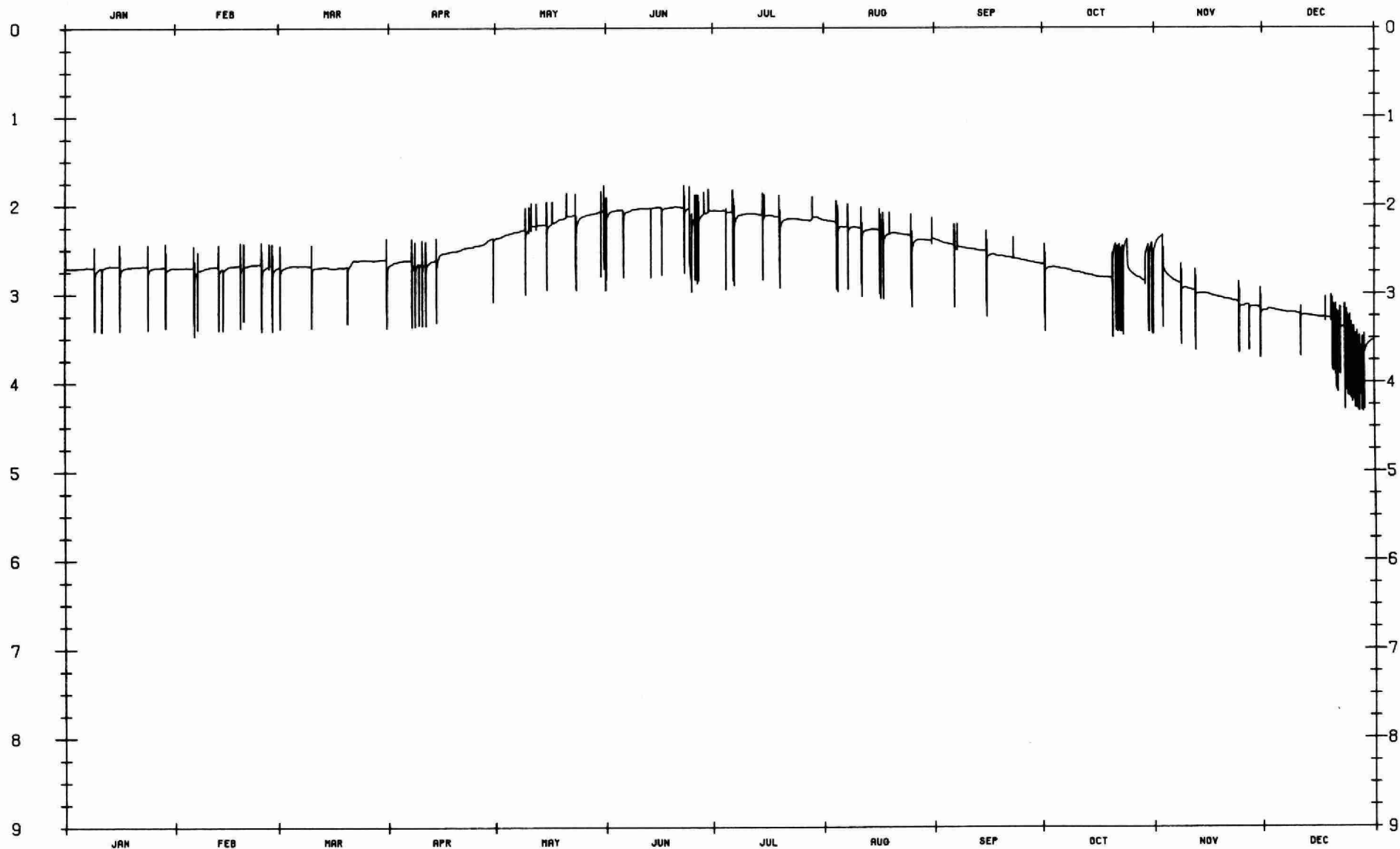
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 377
TOWN OF GEORGETOWN

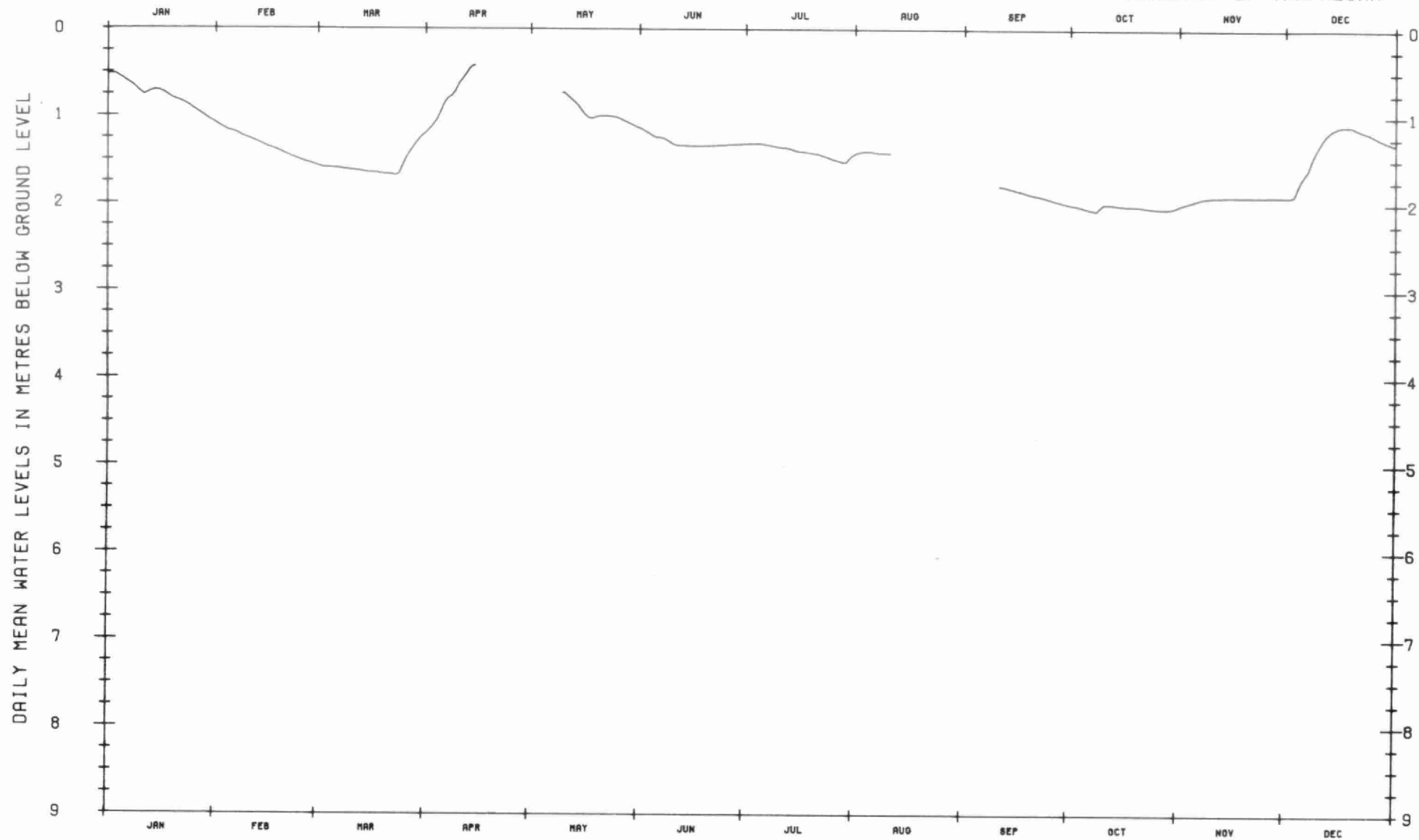
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

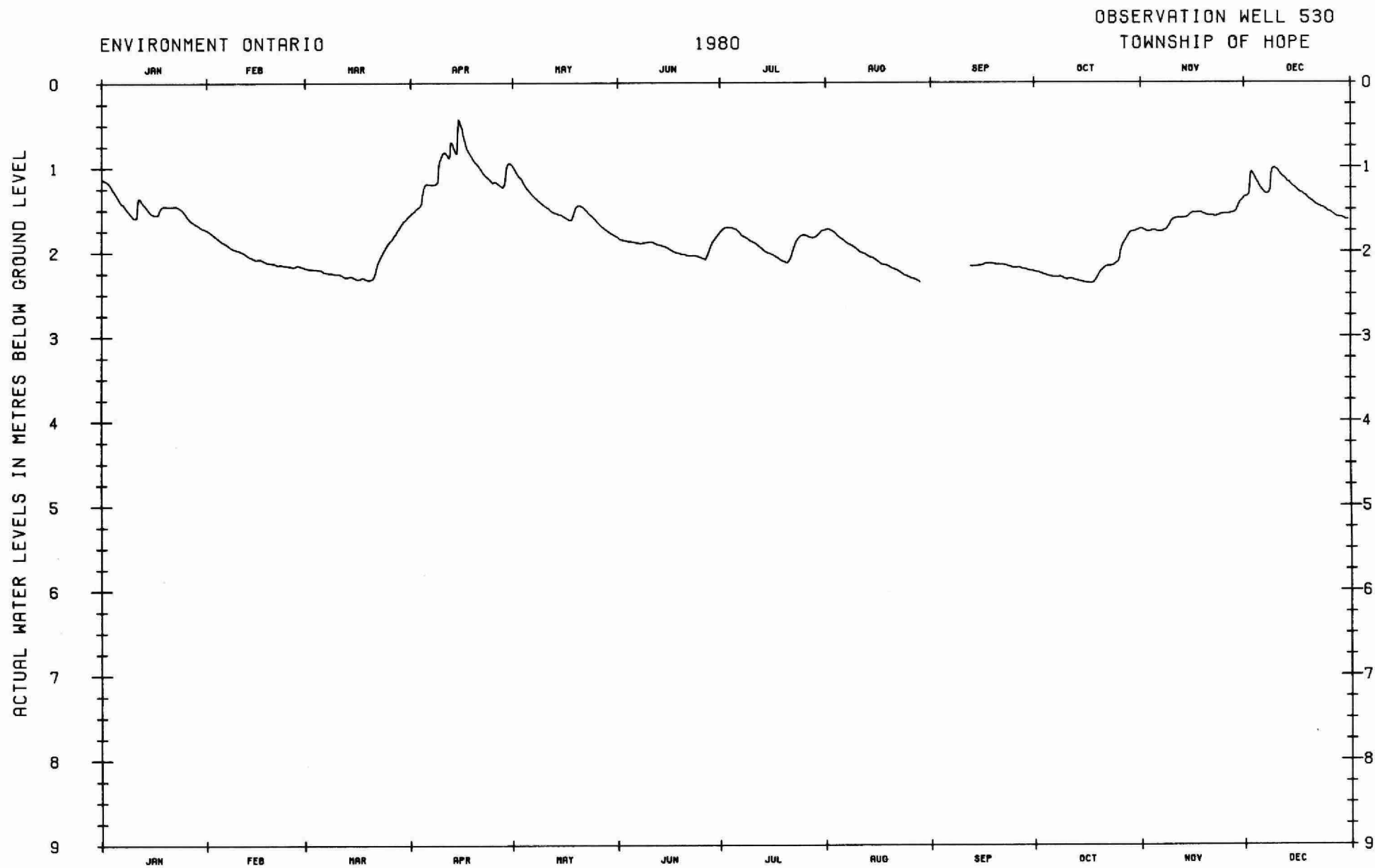
6/



ENVIRONMENT ONTARIO

1980

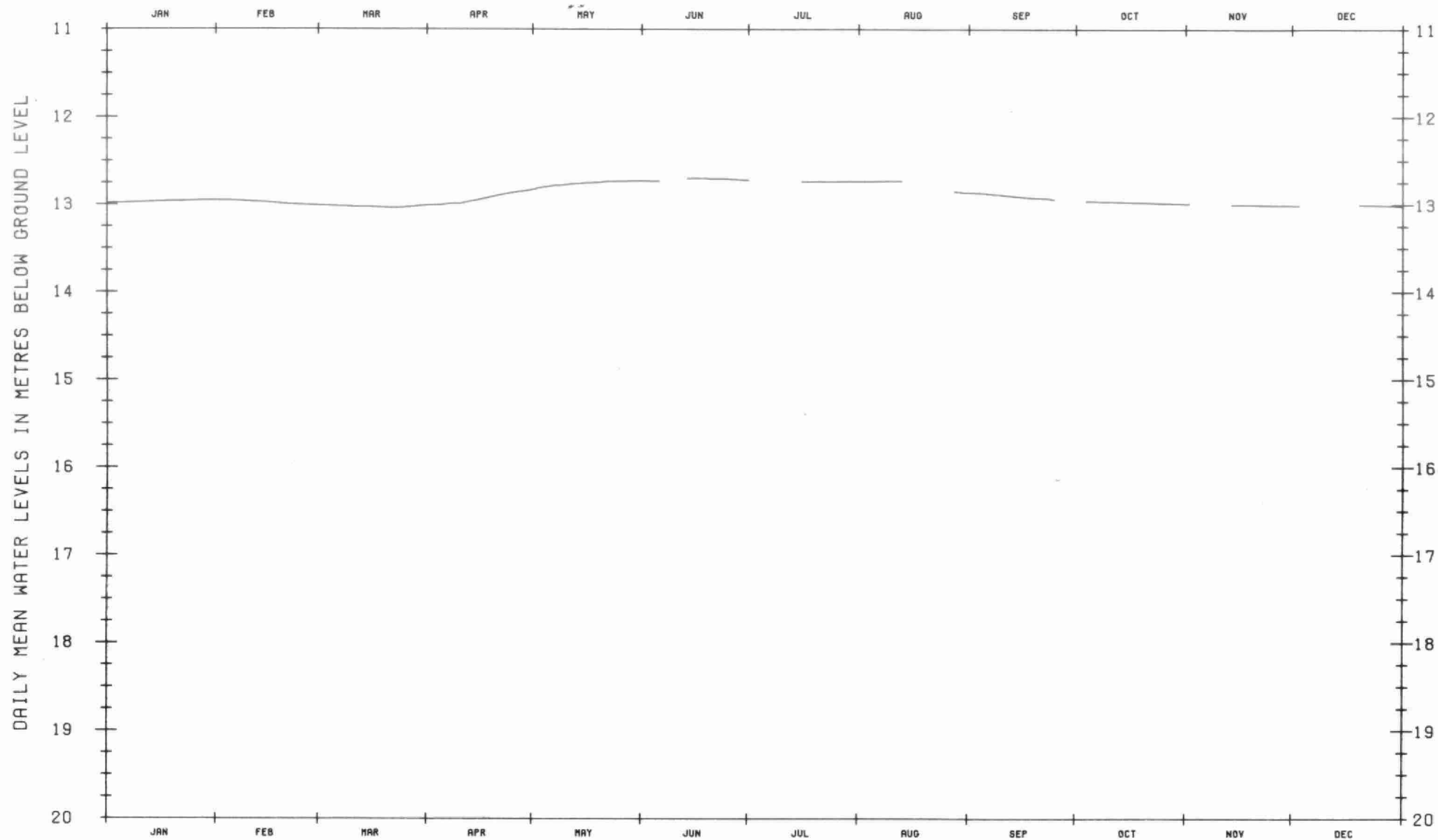
OBSERVATION WELL 374
TOWNSHIP OF TRAFALGAR



ENVIRONMENT ONTARIO

1980

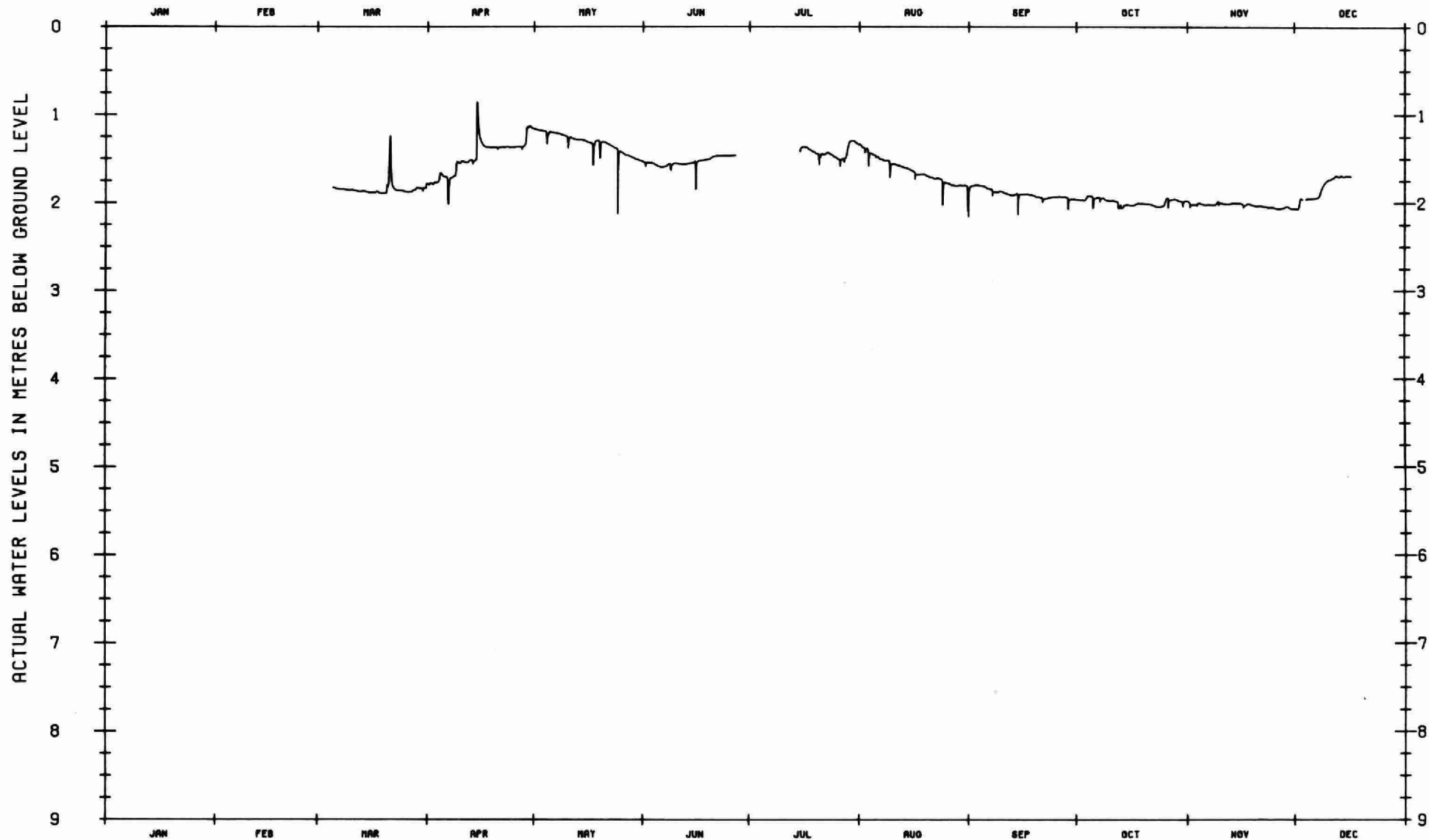
OBSERVATION WELL 253
TOWNSHIP OF ALBION



ENVIRONMENT ONTARIO

1980

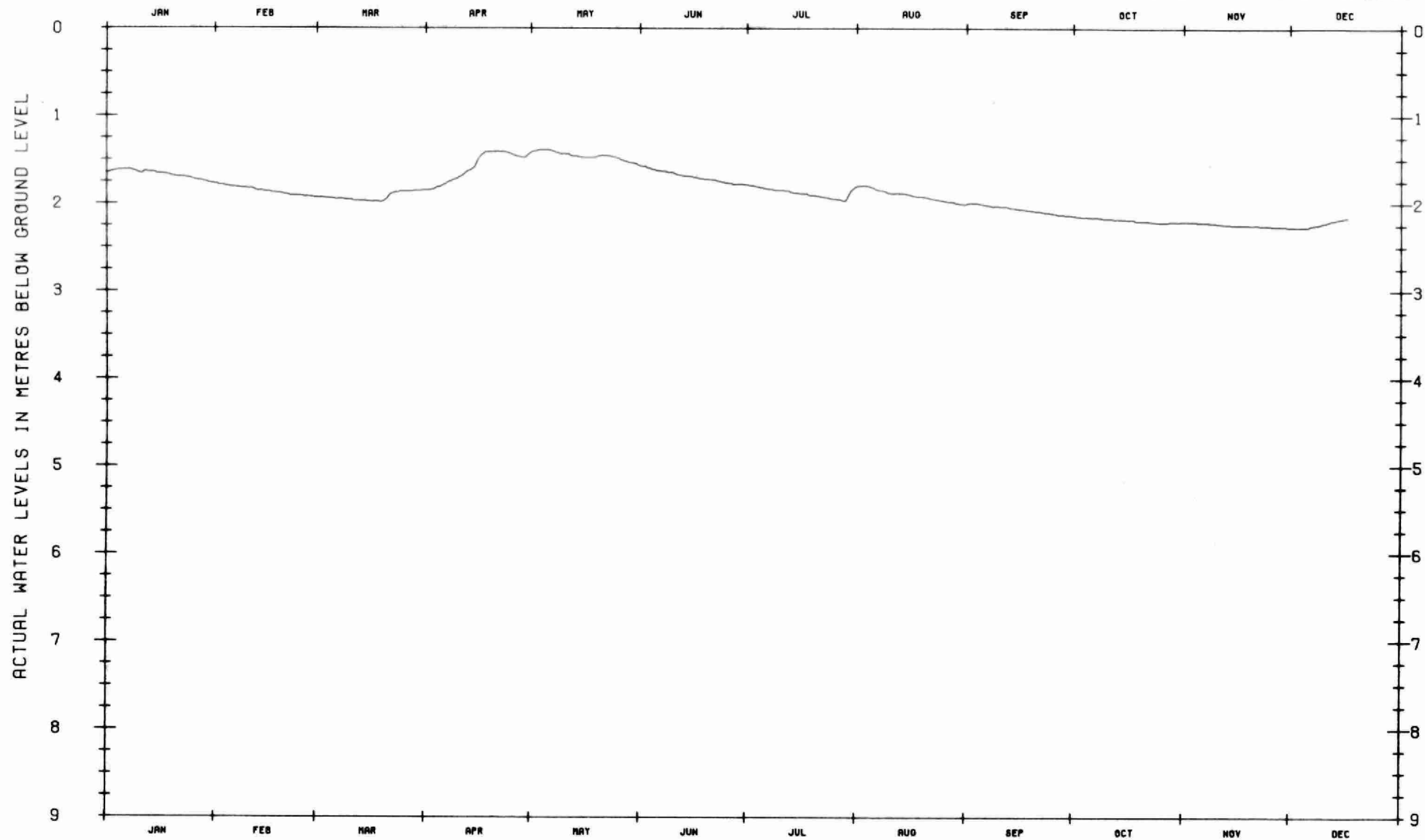
OBSERVATION WELL 214
TOWNSHIP OF CALEDON

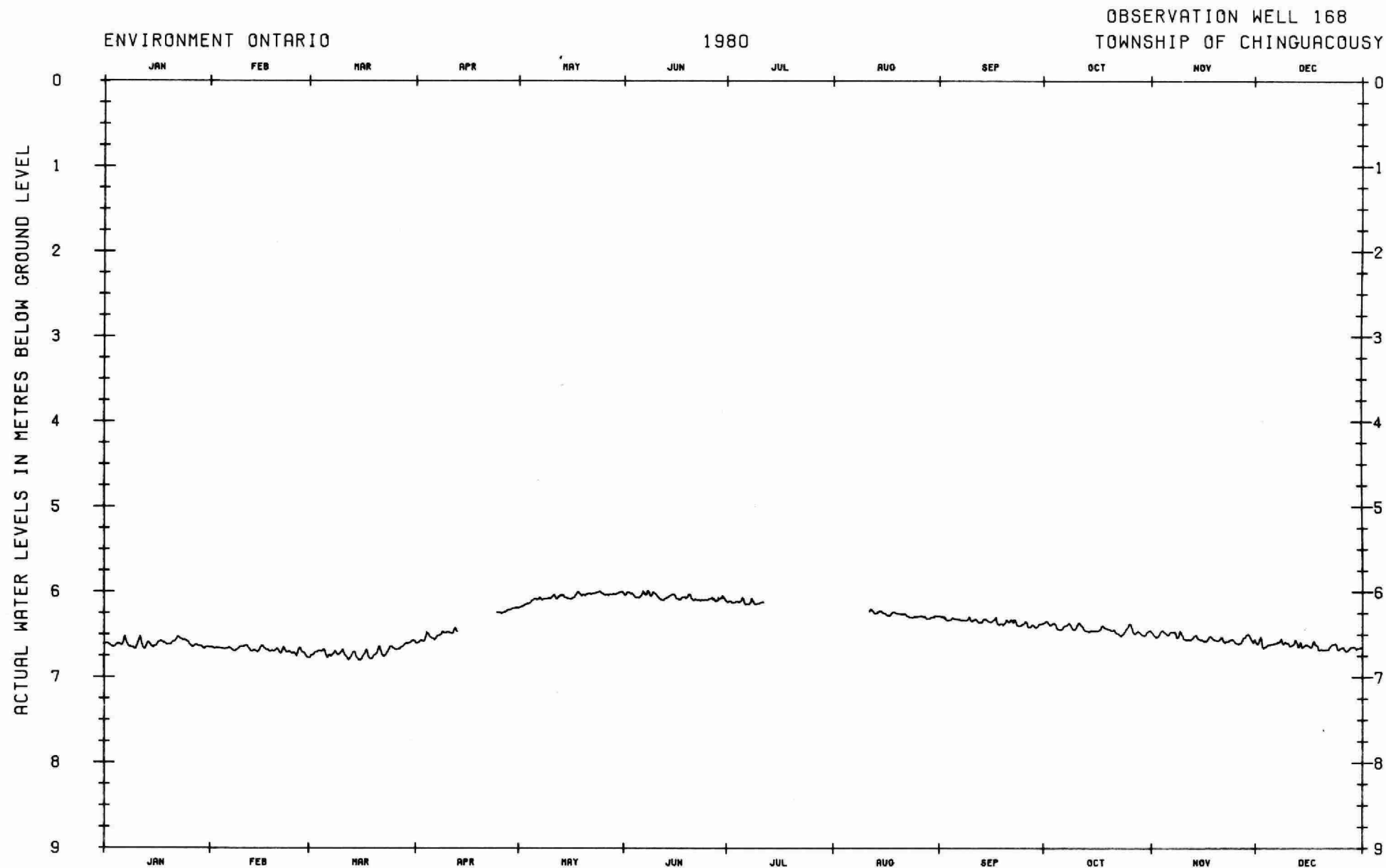


ENVIRONMENT ONTARIO

1980

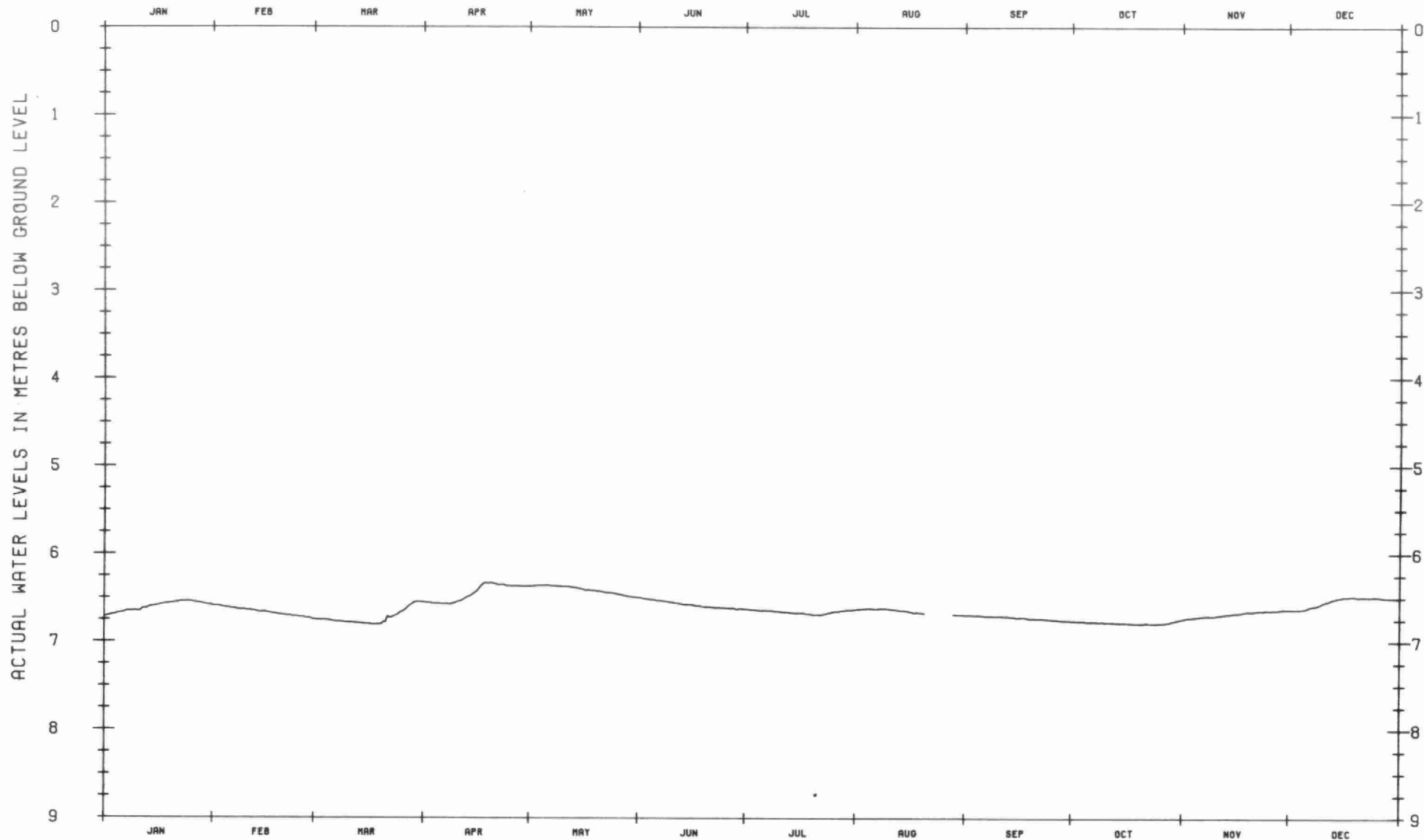
OBSERVATION WELL 167
TOWNSHIP OF CHINGUACOUSY

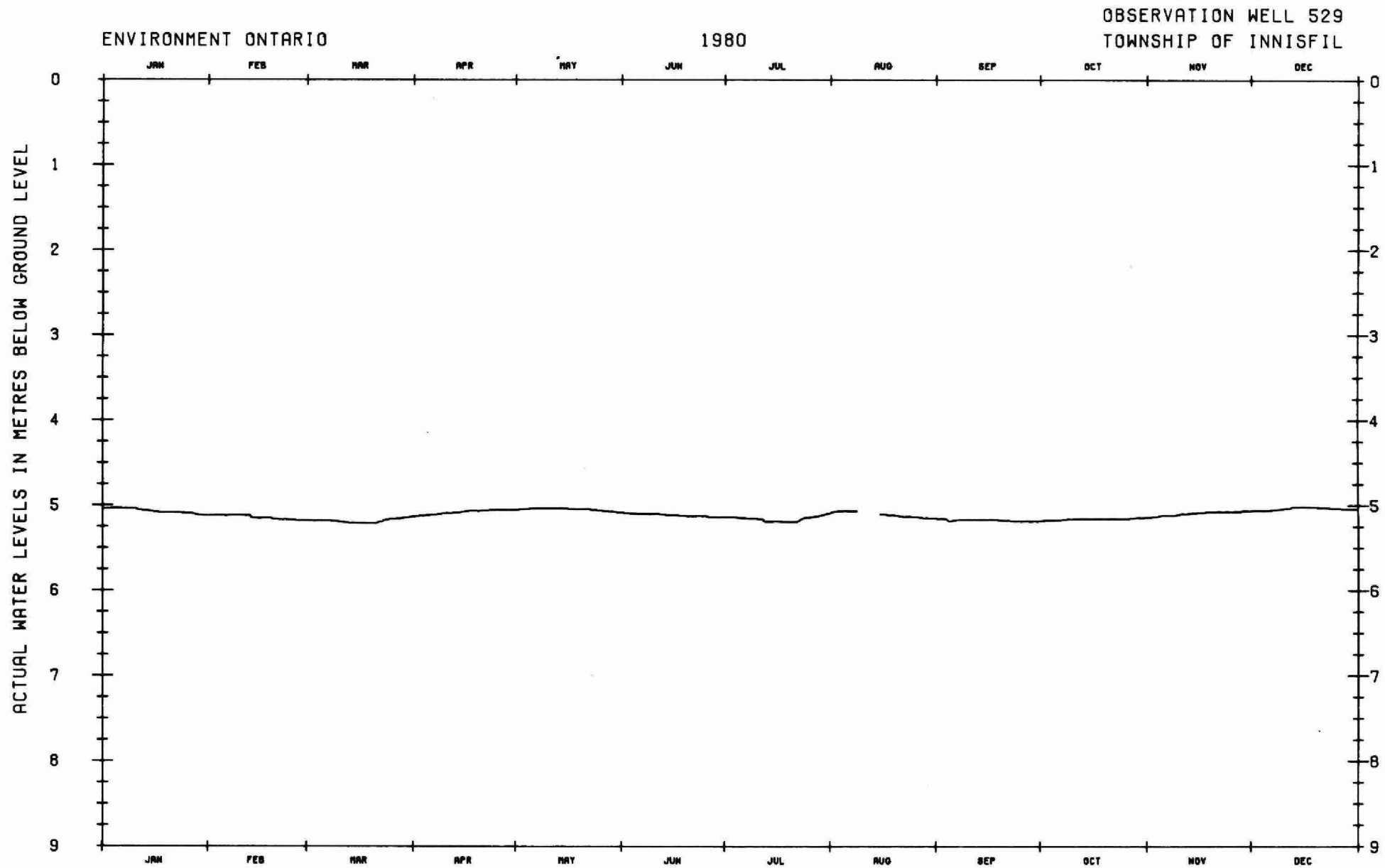




ENVIRONMENT ONTARIO

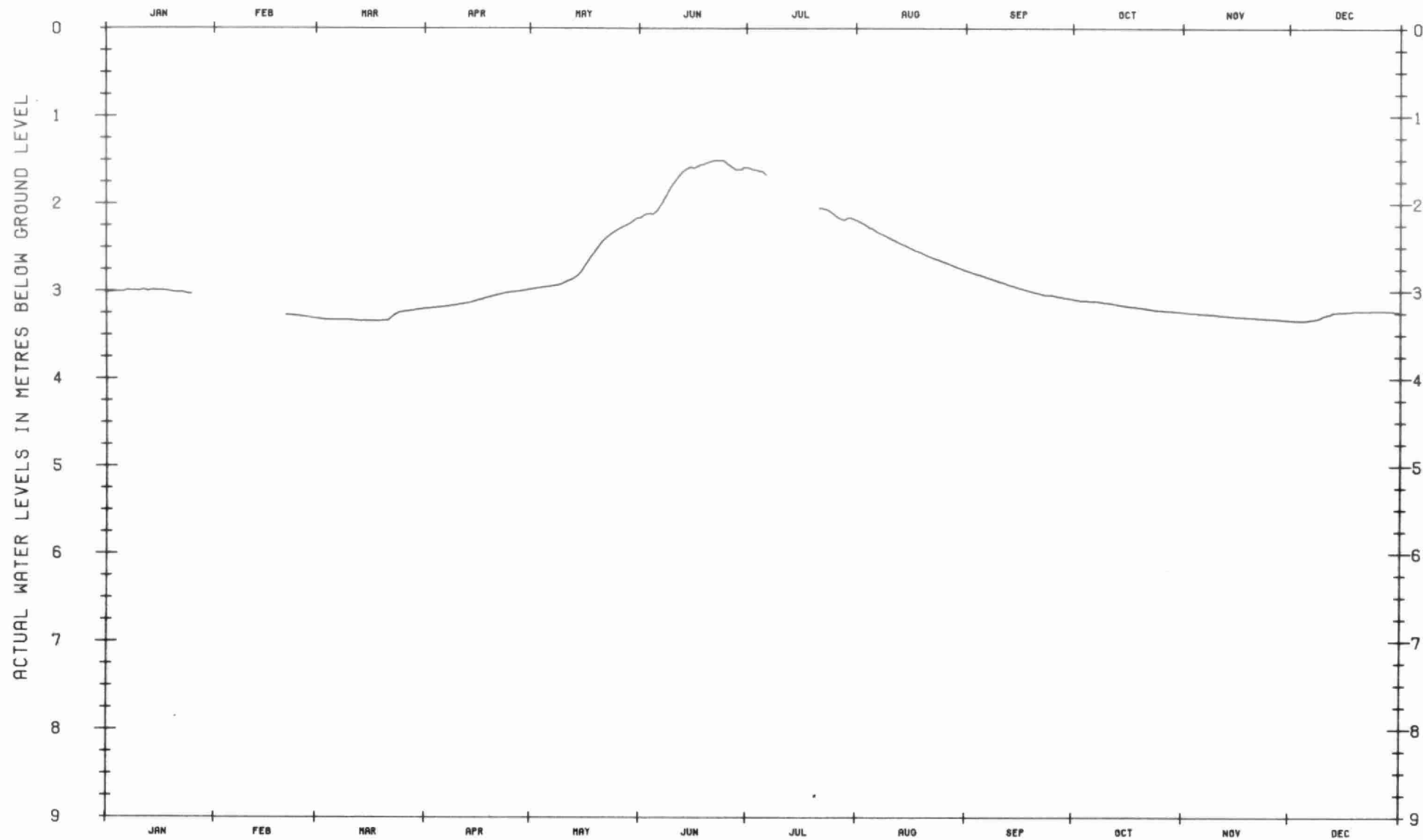
1980

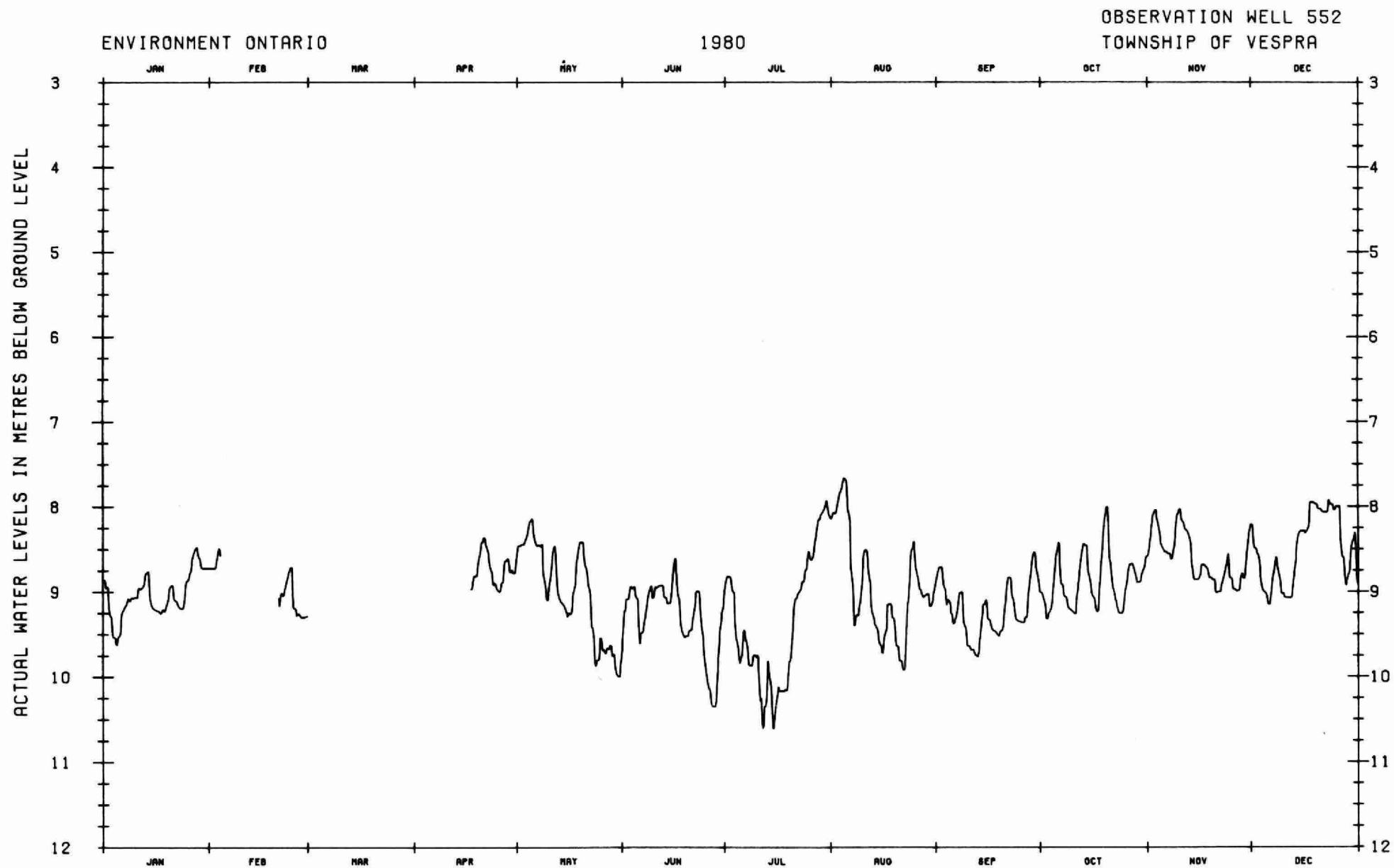
OBSERVATION WELL 553
TOWNSHIP OF CAVAN



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 007
TOWNSHIP OF ESSA

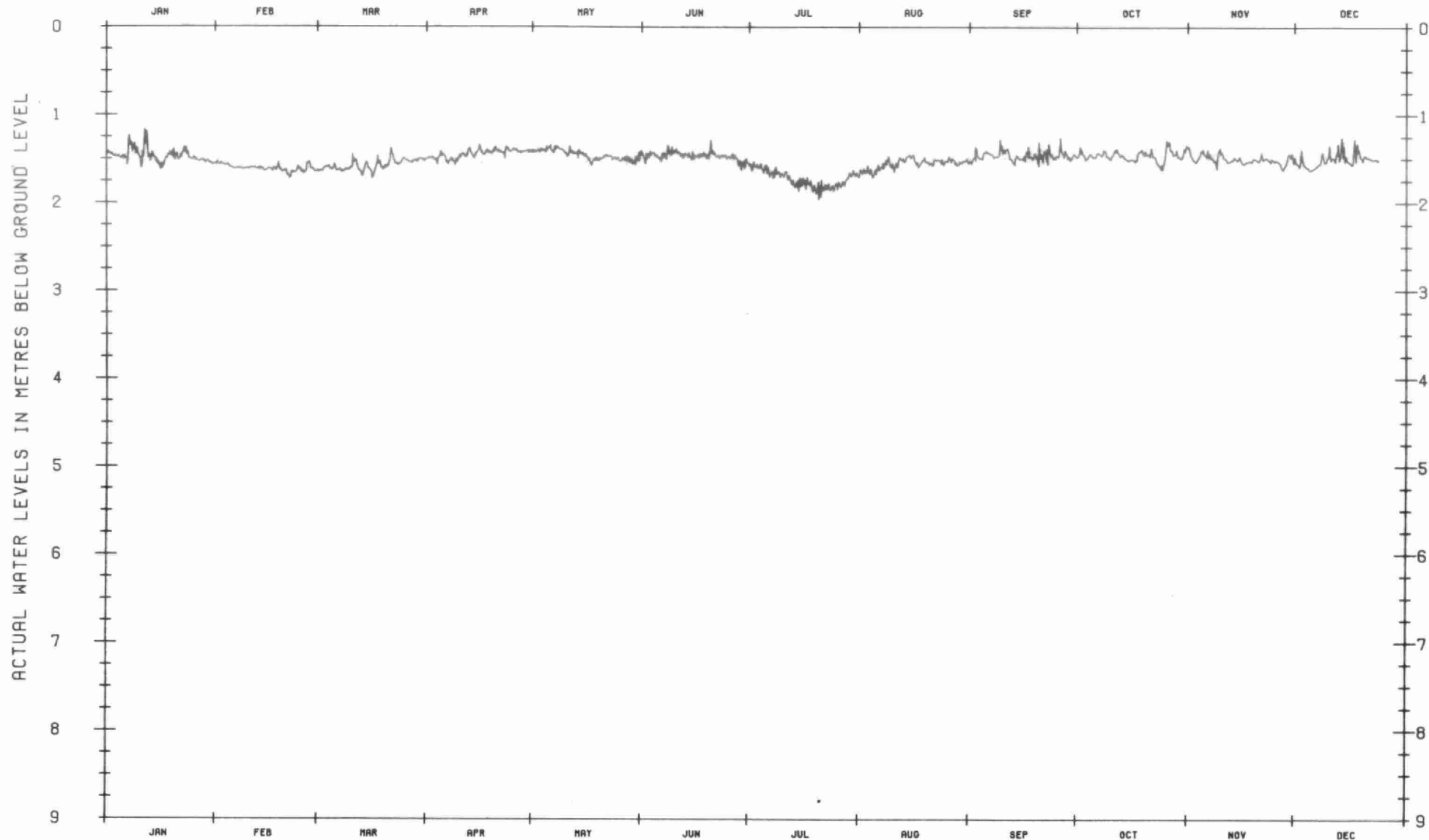


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 373
VILLAGE OF WASAGA BEACH

06

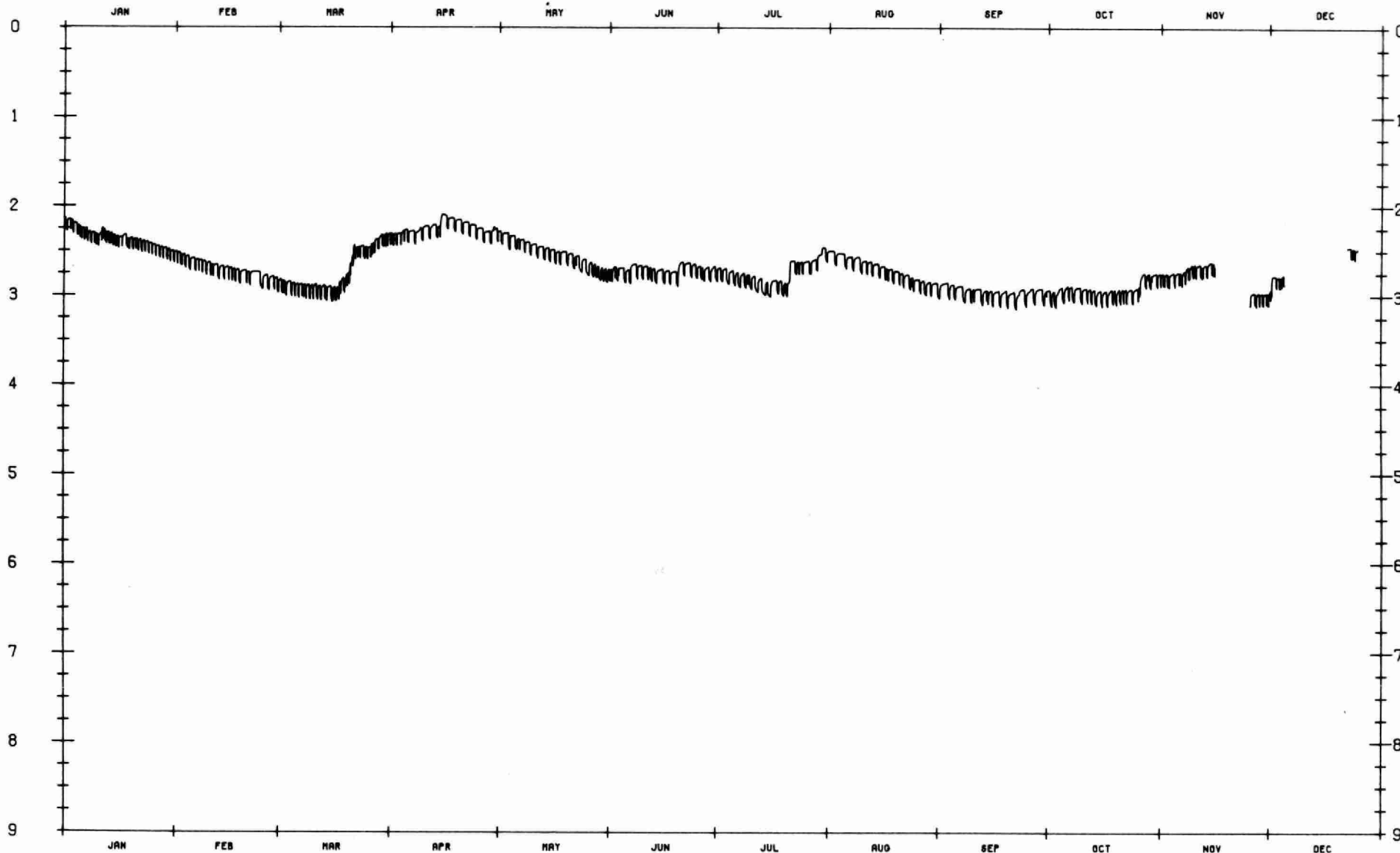


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 375
TOWNSHIP OF MARIPOSA

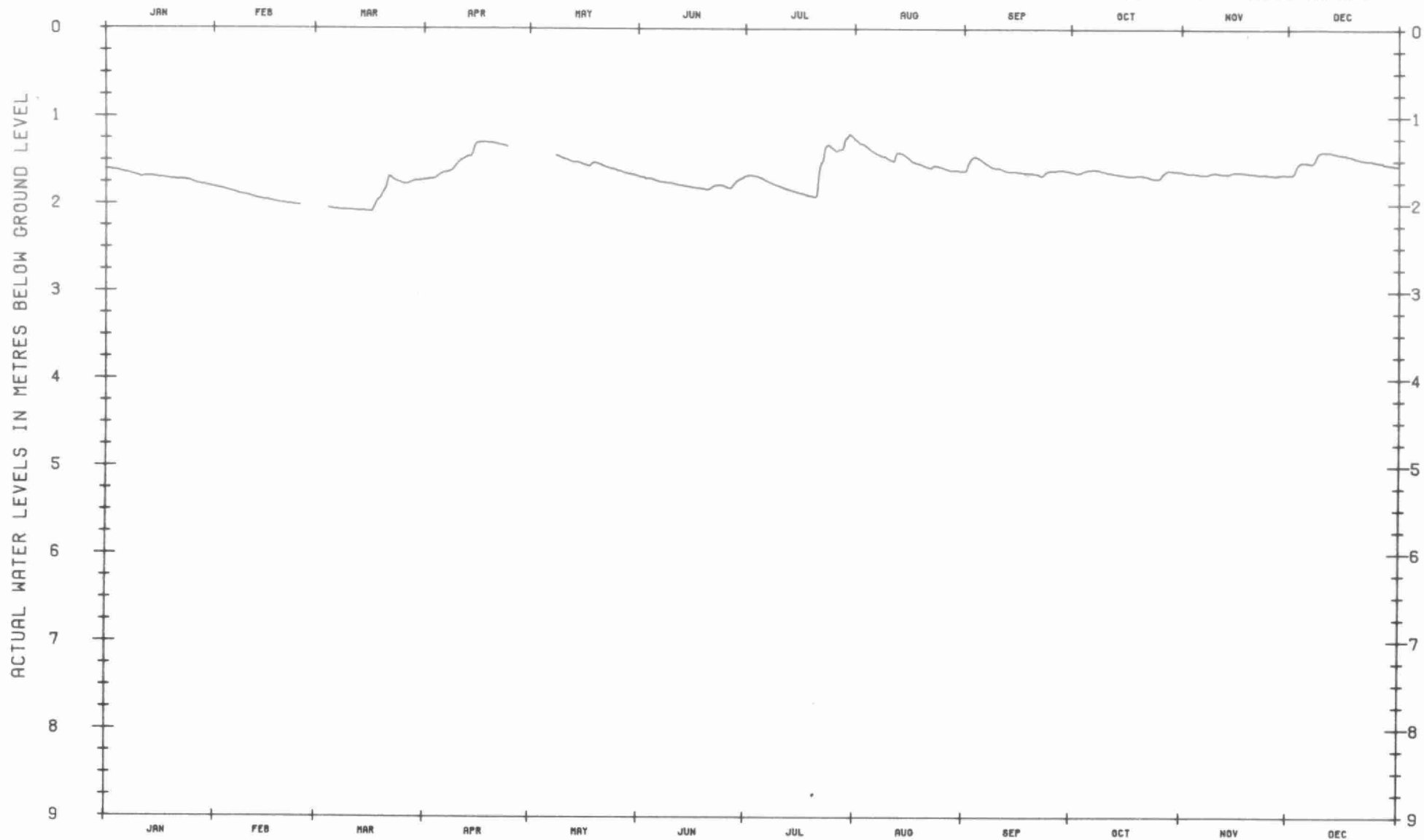
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 528
TOWNSHIP OF E. GWILLIMBURY



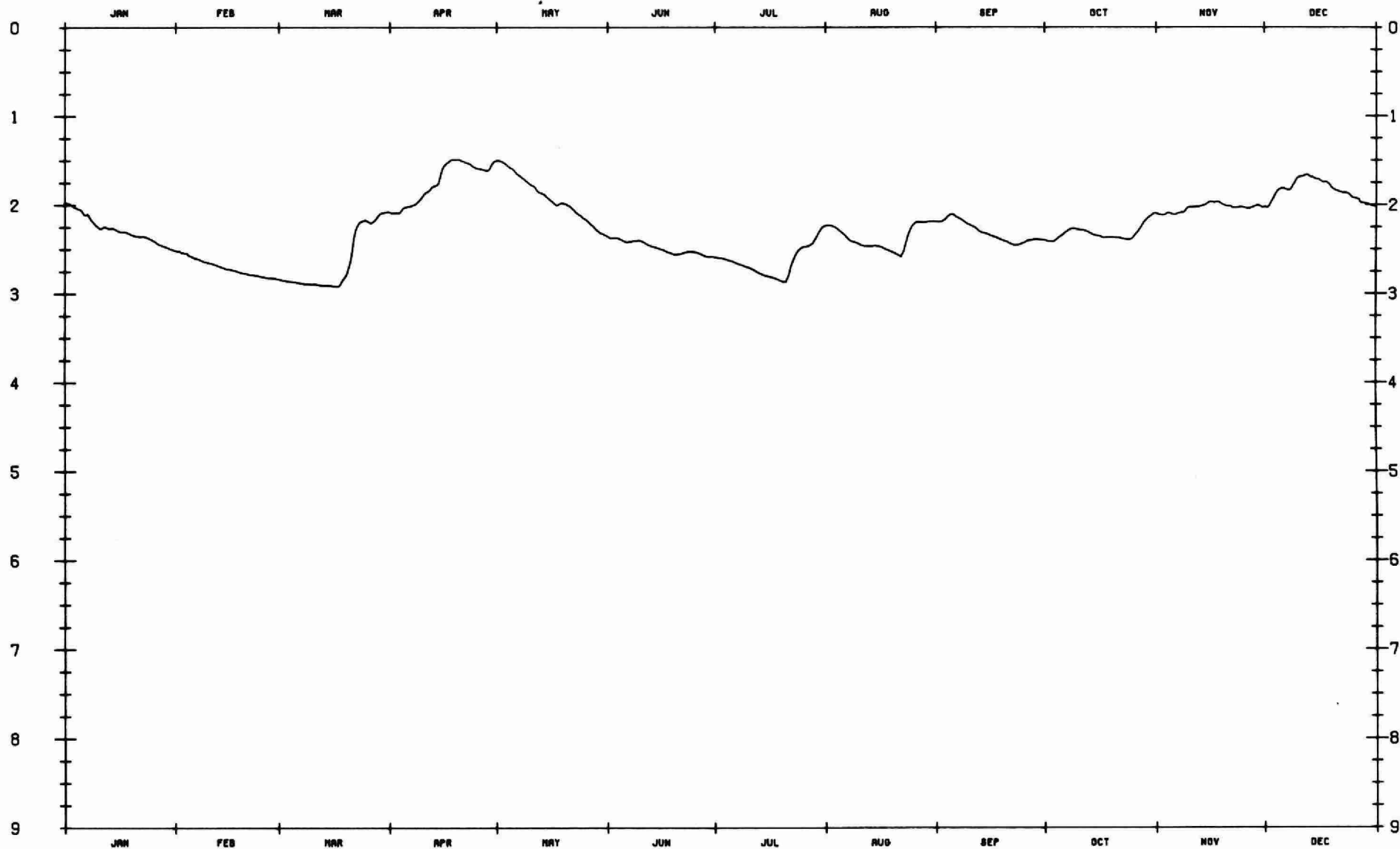
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 527
TOWNSHIP OF GEORGINA

ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

93

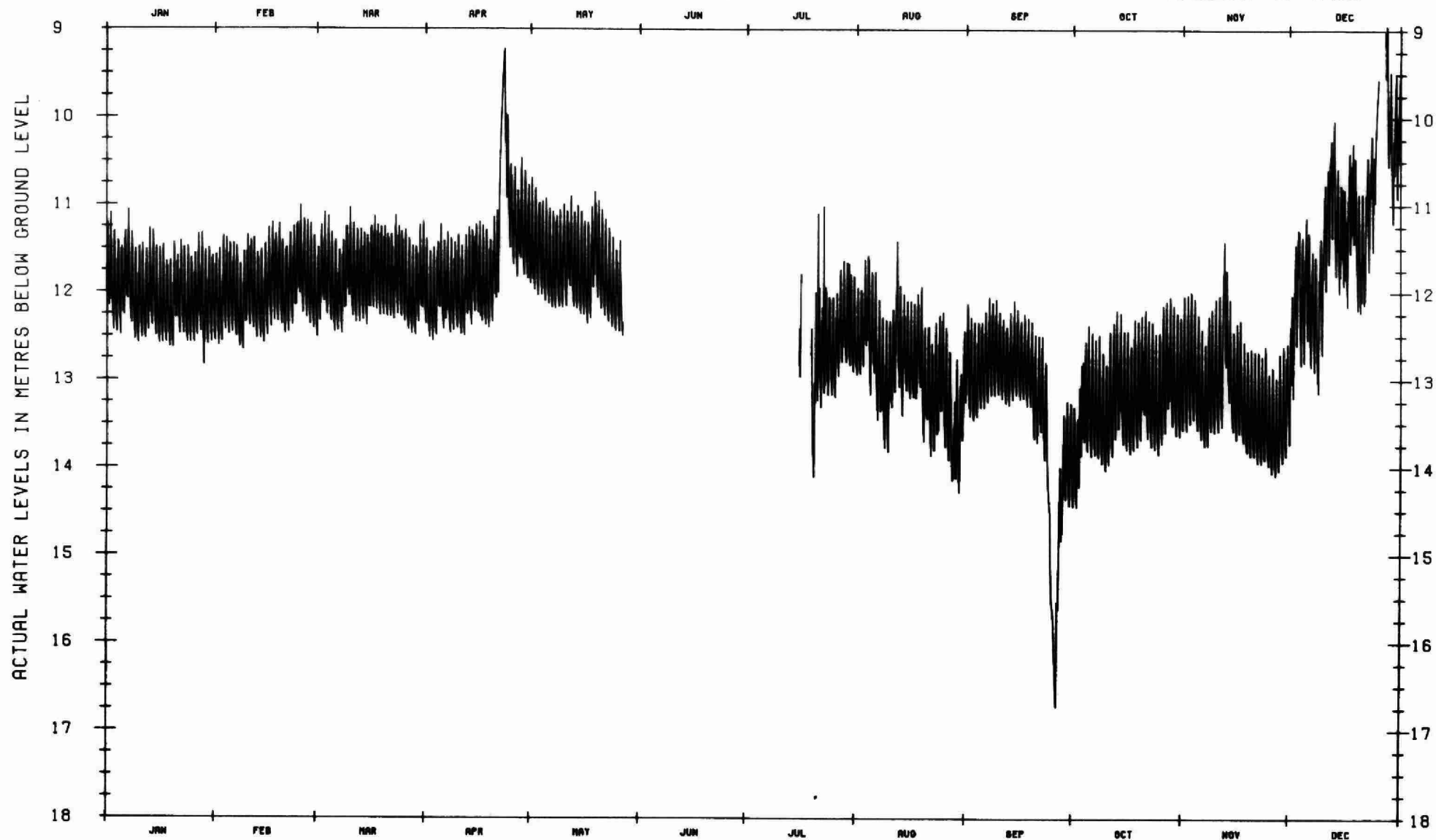


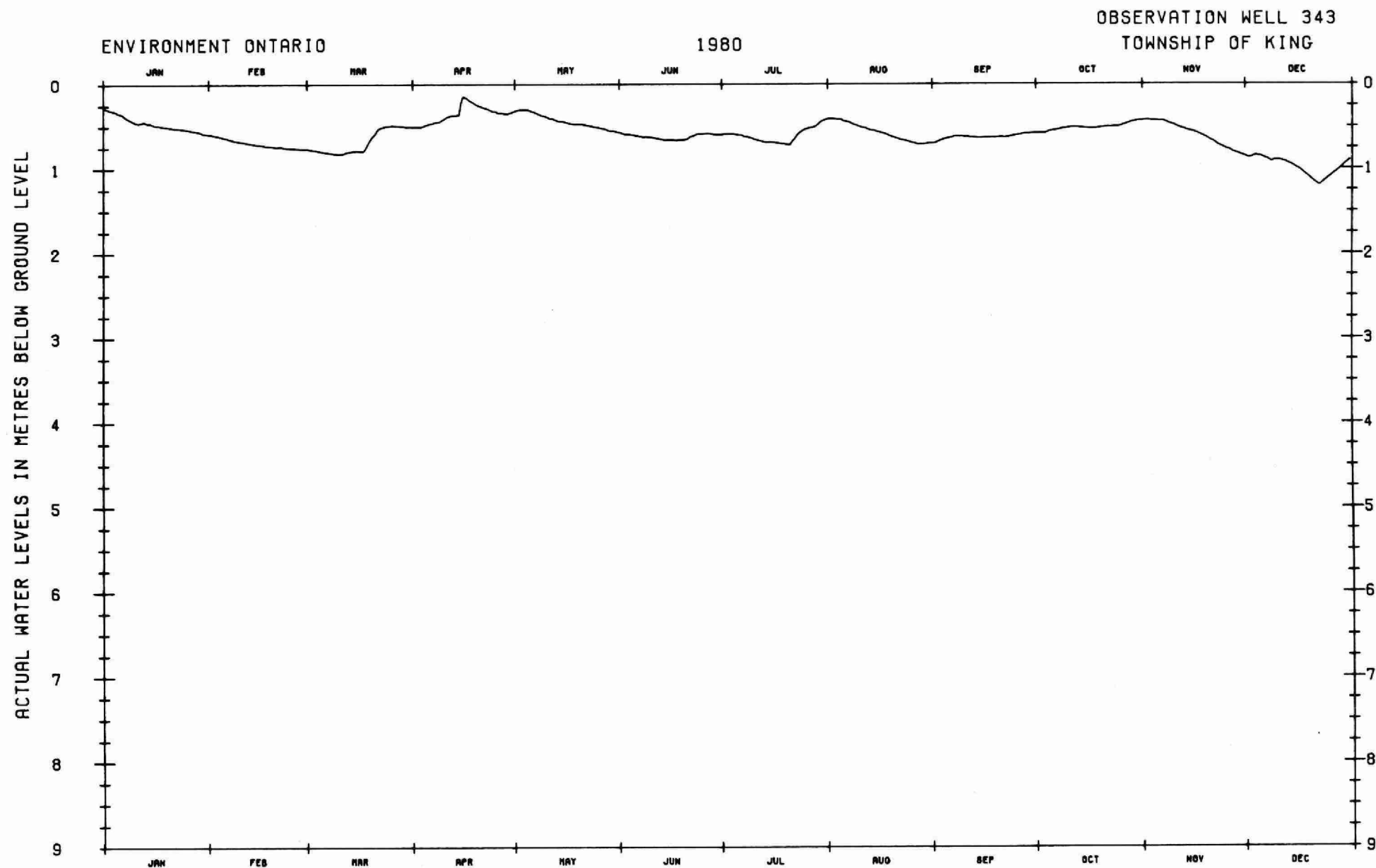
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 342
TOWNSHIP OF KING

h6

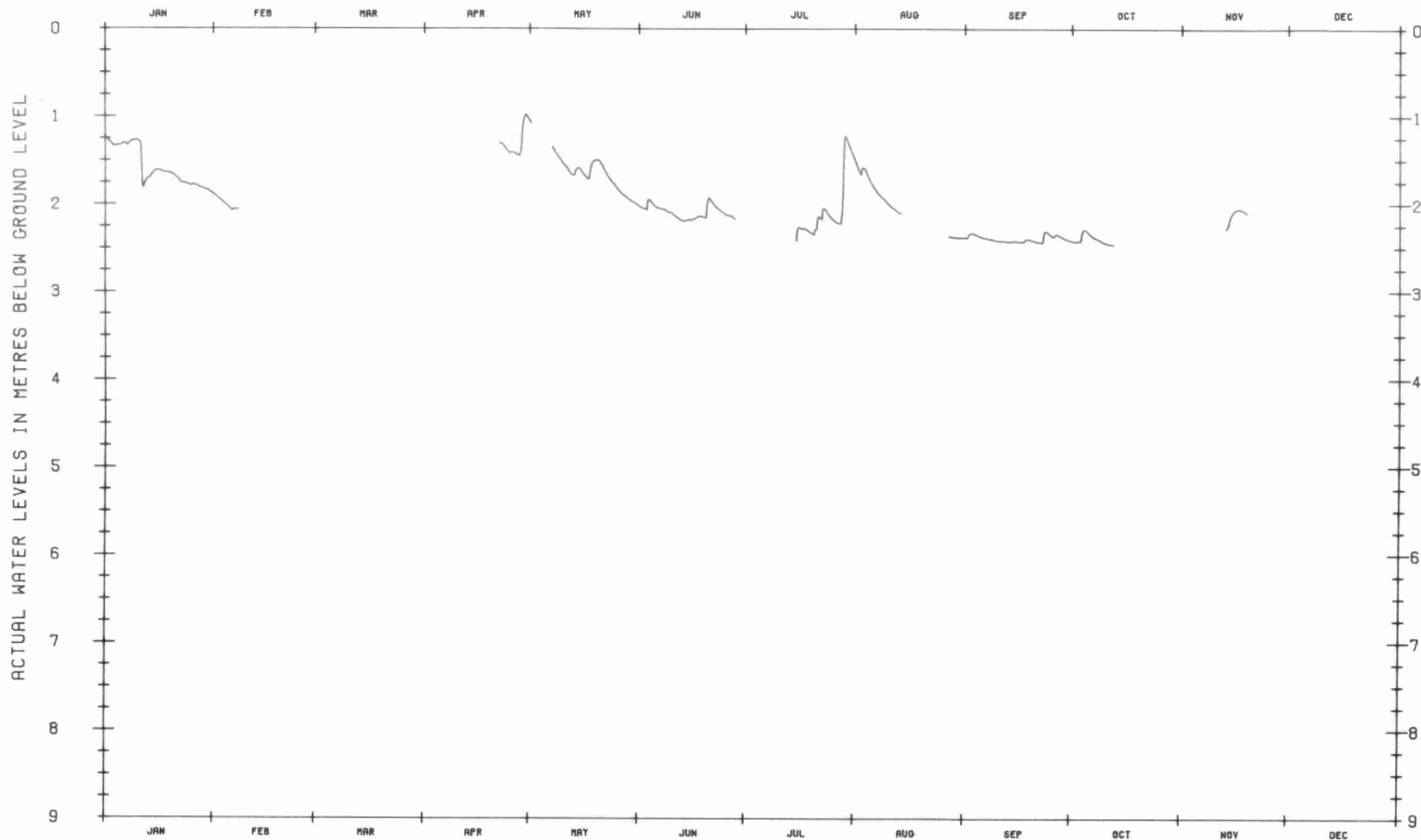




ENVIRONMENT ONTARIO

1980

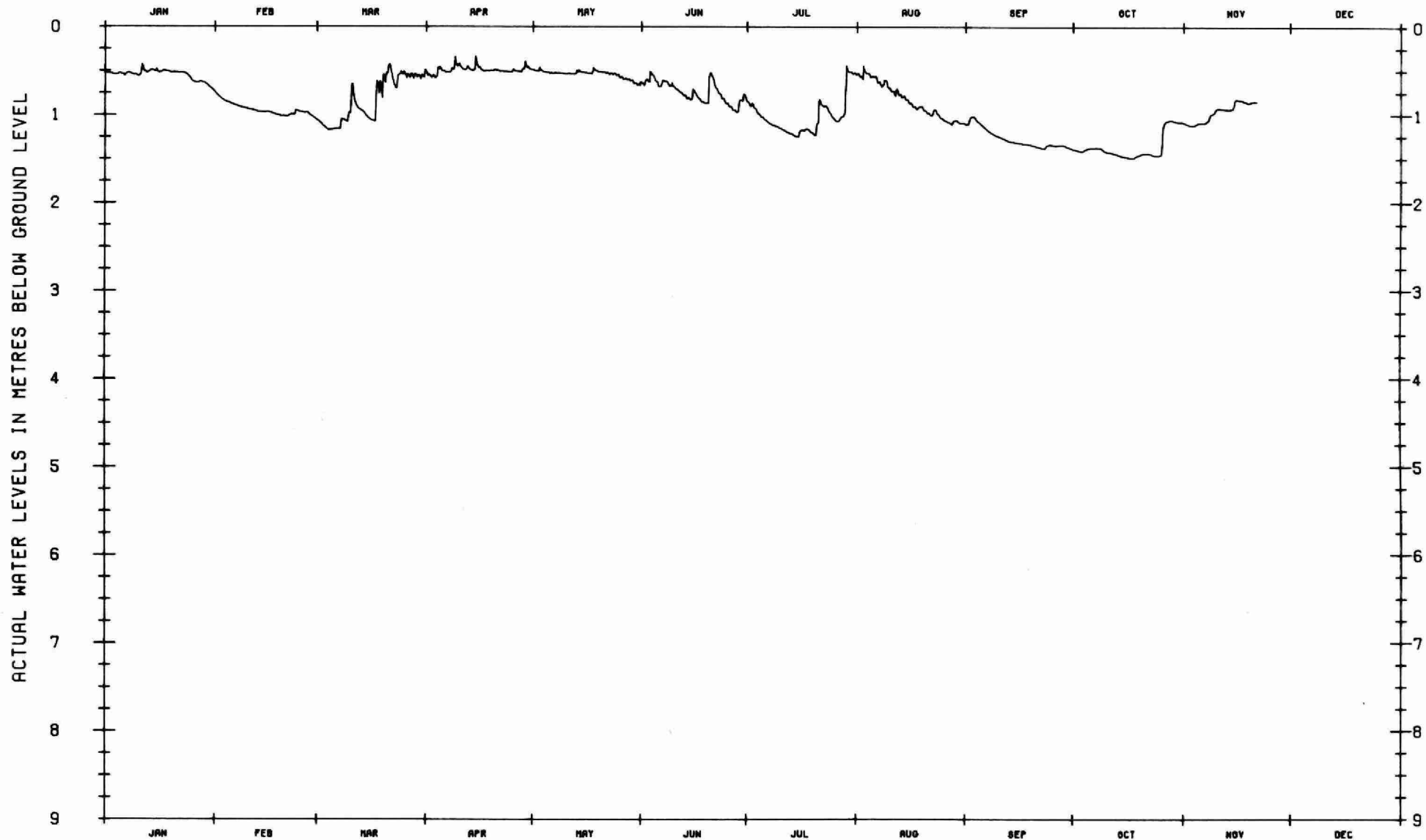
OBSERVATION WELL 538
TOWNSHIP OF KING



ENVIRONMENT ONTARIO

1980

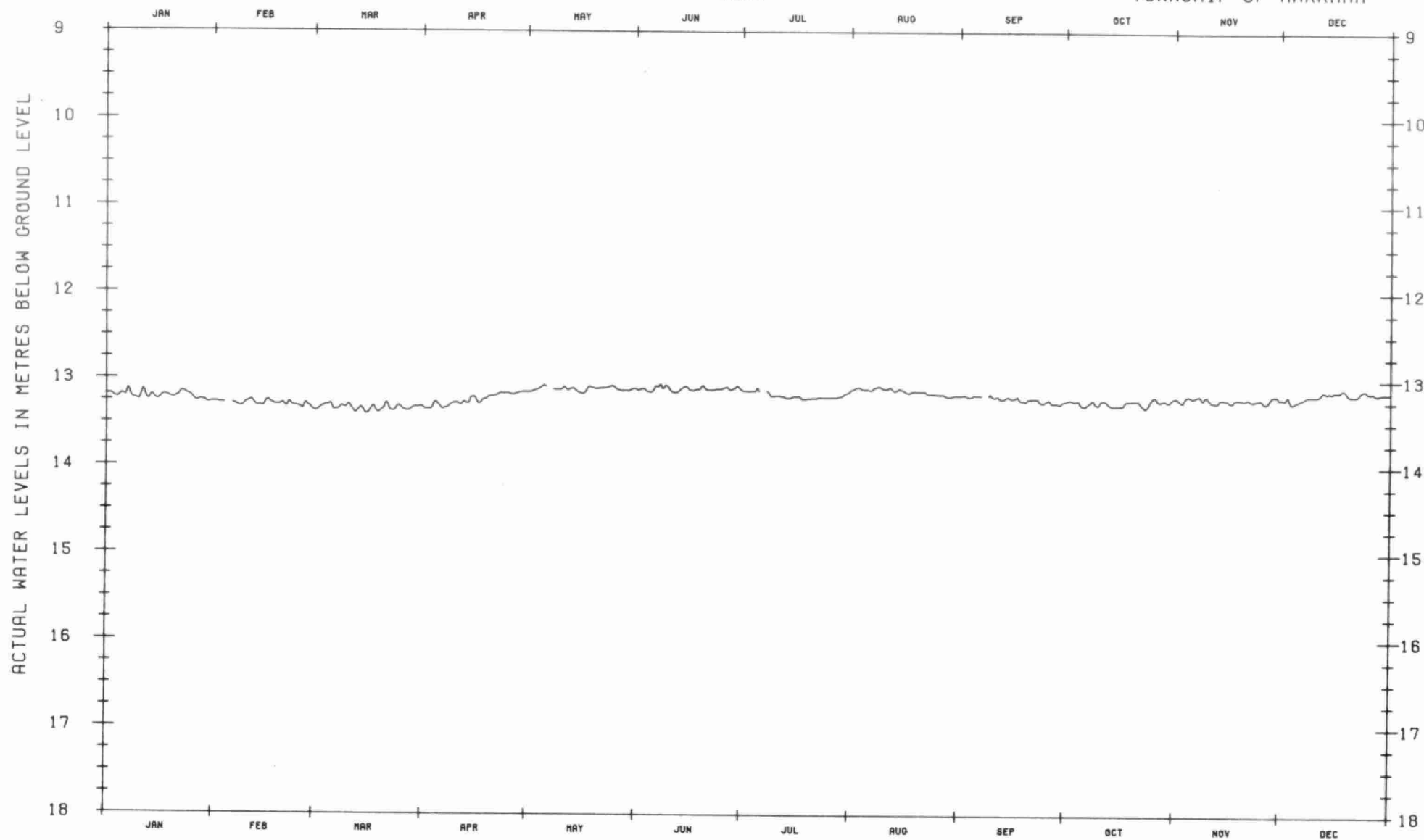
OBSERVATION WELL 540
TOWNSHIP OF KING

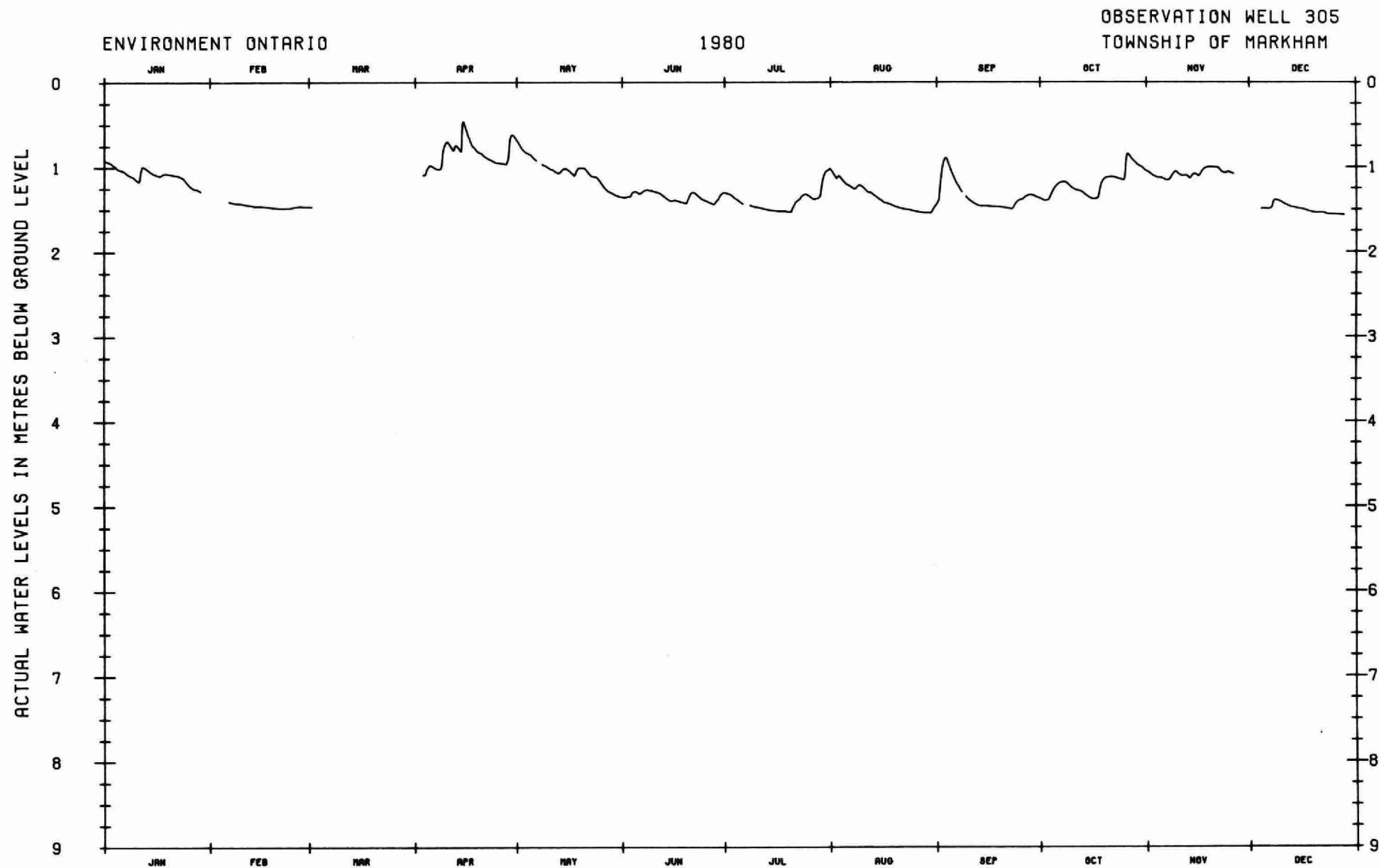


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 106
TOWNSHIP OF MARKHAM

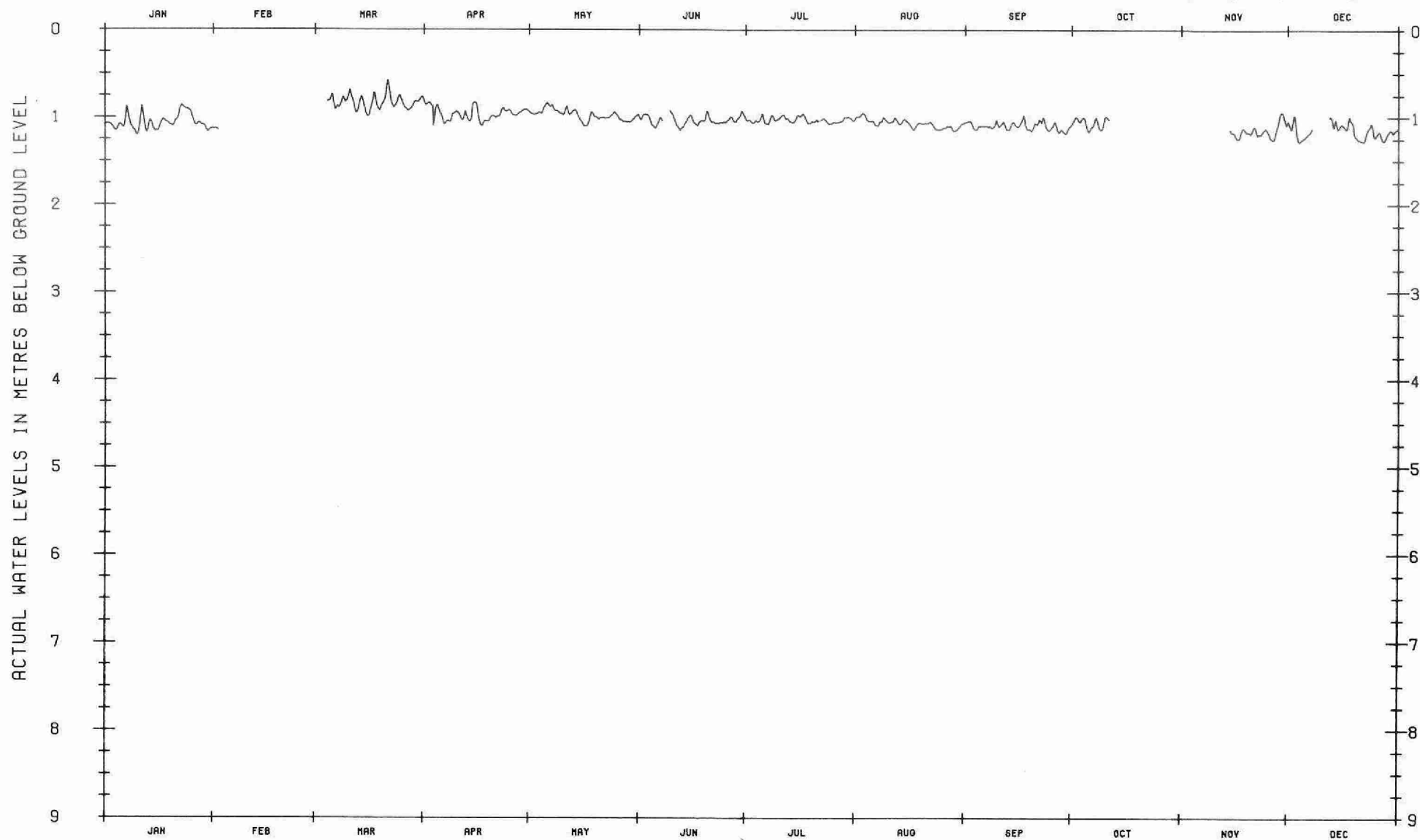




ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 090
BOROUGH OF NORTH YORK

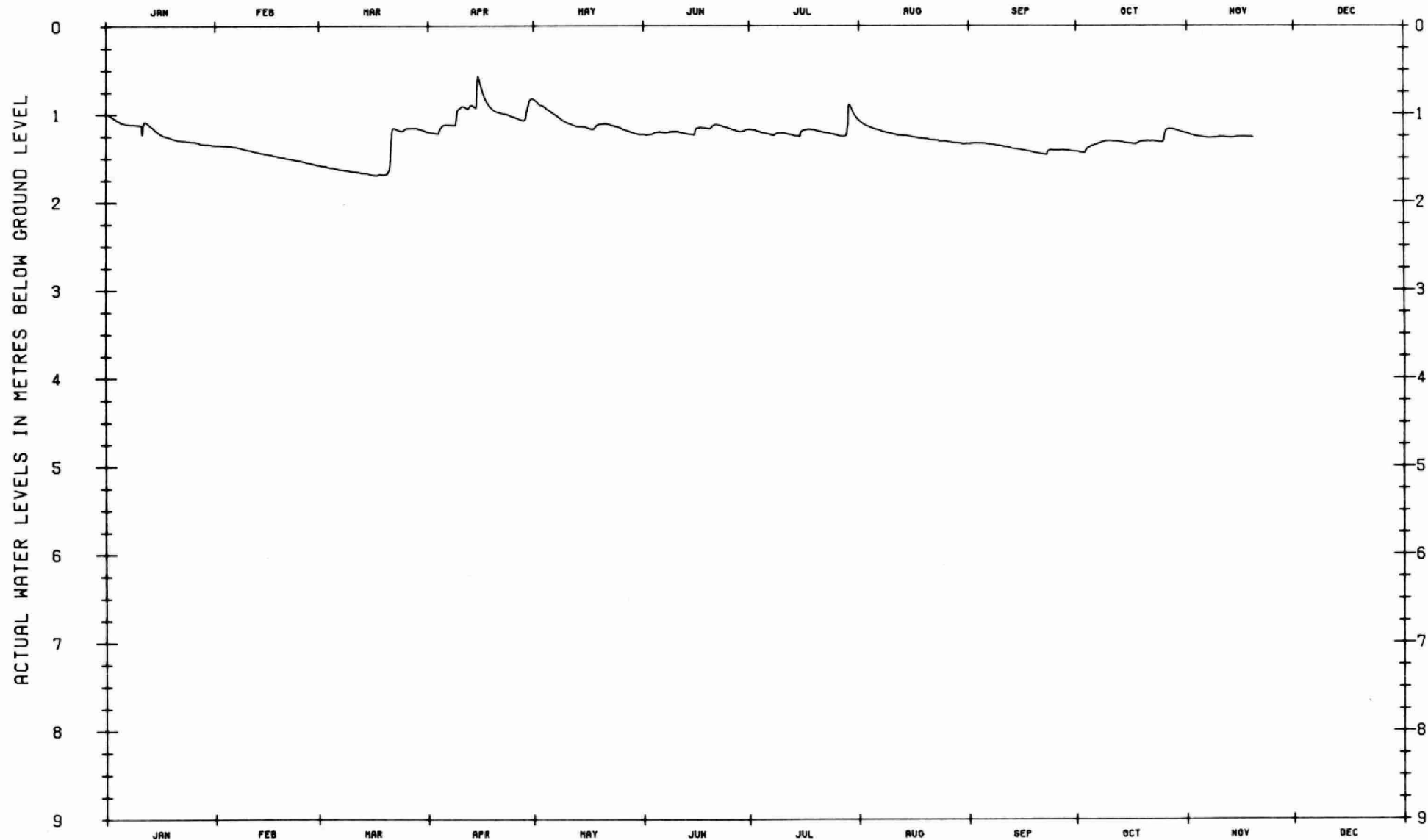


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 539
TOWNSHIP OF VAUGHAN

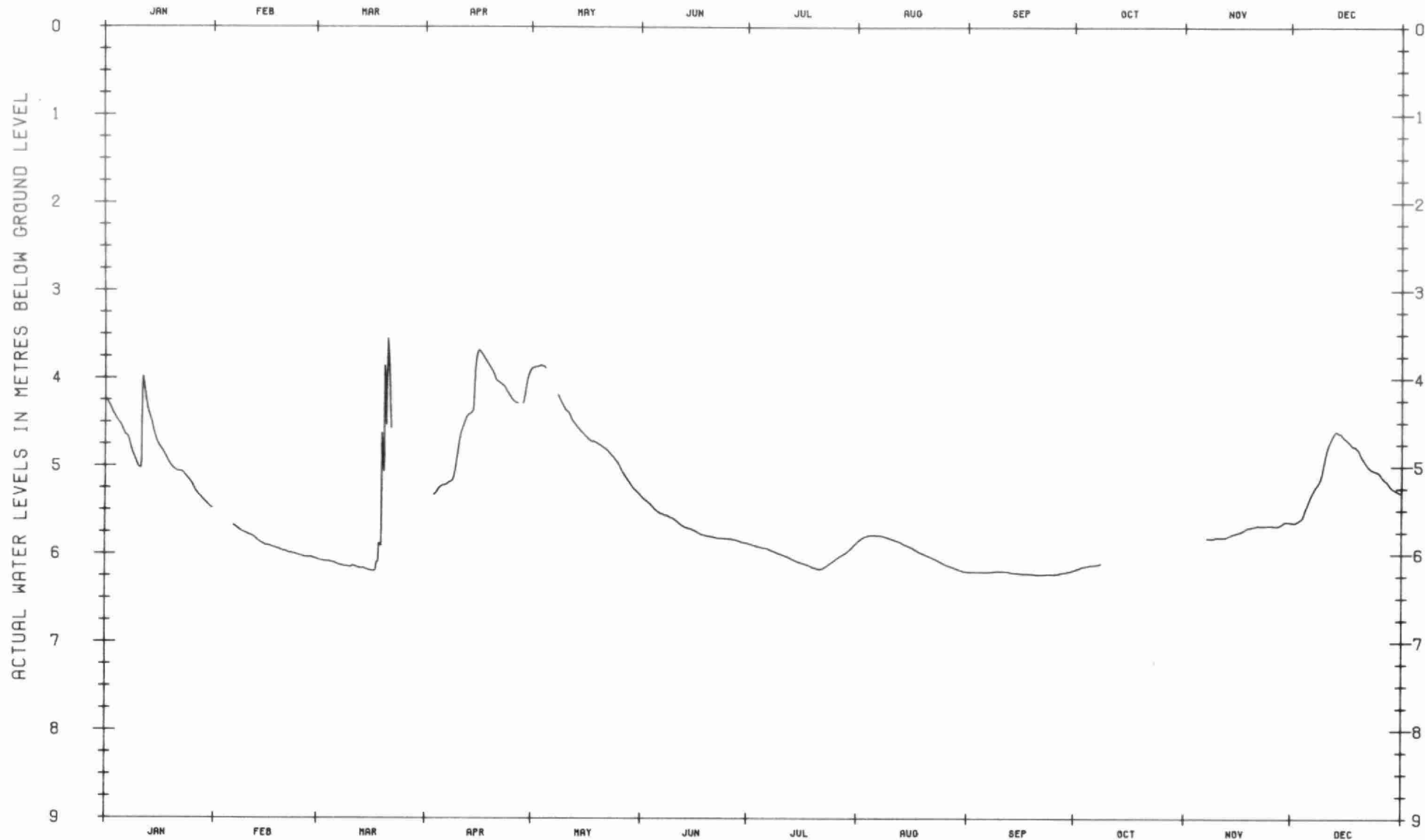
101



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 340
TOWNSHIP OF WHITCHURCH



Southeastern Region

4



Ministry
of the
Environment

Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE

KINGSTON

133 Dalton St.
613-549-4000

DISTRICT OFFICES

Belleville

15 Victoria Ave.
613-962-9208

Cornwall

408 Pitt St.
613-933-7402

Ottawa

2378 Holly Lane
613-521-3450

Pembroke

1000 MacKay St.
P.O. Box 67
613-732-3643

LEGEND

Regional Office



District Office



Recording Observation Well



Number of Recording Wells
in same location



Manually Measured Well



Number of Manually Measured Wells
in same location



OBSERVATION WELL DISTRIBUTION

ENVIRONMENT ONTARIO
TORONTO
DUNDAS COUNTY

OBSERVATION WELL 522

CHESTERTVILLE

CONC. 4

LOT 18

WELL REC #: 1801941
UTM CO-ORD: 7-18 E481750 N4994100
LAT & LONG: 45-14NORTH 75-06 WEST

REC METHOD: A71 RECORDER
REC COMMENT: MAY 13 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND FLEV: 69 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: UNKNOWN 5.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: UNKNOWN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.25	2.48	2.62	2.36	2.40	2.45	2.58	2.48	2.53				1
2	2.31	2.48	2.62	2.40	2.40	2.44	2.58	2.50	2.50				2
3	2.36	2.50	2.62	2.43	2.41	2.44	2.58	2.52	2.48				3
4	2.37	2.50	2.62	2.43	2.42	2.44	2.57	2.53	2.47				4
5	2.36	2.51	2.62	2.41	2.43	2.46	2.57	2.53	2.48				5
6	2.36	2.51	2.63	2.42	2.44	2.46	2.57	2.54	2.50				6
7	2.36	2.52	2.64	2.43	2.45	2.46	2.58	2.54	2.51				7
8	2.38	2.52	2.64	2.44	2.46	2.46	2.57	2.55	2.52				8
9	2.40	2.52	2.63	2.39	2.47	2.47	2.54	2.55	2.52				9
10	2.42	2.52	2.63	2.29	2.48	2.48	2.53	2.57	2.50				10
11	2.41	2.52	2.62	2.28	2.48	2.49	2.53	2.58	2.46				11
12	2.36	2.53	2.62	2.28	2.48	2.50	2.53	2.58	2.47				12
13	2.33	2.54	2.63	2.25	2.49	2.50	2.54	2.56	2.50				13
14	2.32	2.55	2.63	2.26	2.50	2.50	2.56	2.56	2.48				14
15	2.33	2.55	2.64	2.26	2.50	2.51	2.57	2.55	2.40				15
16	2.34	2.55	2.66	2.28	2.51	2.51	2.57	2.54					16
17	2.36	2.56	2.67	2.31	2.52	2.52	2.58	2.55					17
18	2.36	2.57	2.62	2.34	2.50	2.52	2.55	2.55					18
19	2.37	2.59	2.51	2.37	2.43	2.53	2.56	2.55					19
20	2.40	2.59	2.47	2.40	2.42	2.52	2.56	2.57					20
21	2.40	2.58	2.38	2.42	2.43	2.53	2.56	2.58					21
22	2.41	2.58	2.15	2.43	2.44	2.54	2.54	2.59					22
23	2.41	2.58	1.90	2.44	2.46	2.55	2.53	2.60					23
24	2.42	2.58	2.00	2.45	2.45	2.56	2.53	2.61					24
25	2.43	2.58	2.06	2.45	2.43	2.57	2.54	2.62					25
26	2.44	2.59	2.08	2.43	2.43	2.58	2.55	2.62					26
27	2.45	2.59	2.14	2.43	2.43	2.58	2.56	2.62					27
28	2.46	2.58	2.19	2.43	2.44	2.59	2.56	2.61					28
29	2.46	2.60	2.23	2.42	2.47	2.58	2.54	2.56					29
30	2.47		2.27	2.40	2.49	2.58	2.47	2.55					30
31	2.48		2.32		2.47		2.46	2.56					31
-MONTHLY SUMMARY-													
MEAN	2.39	2.55	2.45	2.38	2.46	2.51	2.55	2.56					MEAN
INST	2.22	2.48	1.88	2.25	2.39	2.44	2.45	2.47					INST
MAX	(1)	(1)	(23)	(13)	(1)	(2)	(30)	(1)					MAX
INST	2.48	2.61	2.67	2.46	2.52	2.59	2.58	2.62					INST
MIN	(31)	(29)	(17)	(25)	(17)	(28)	(2)	(28)					MIN

ENVIRONMENT ONTARIO
TORONTO
GREENVILLE COUNTY

OBSERVATION WELL 523

TOWNSHIP OF EDWARDSBURGH

CONC. 7

LOT 32

WELL REC #: 2403219
UTM CO-ORD: 7-18 E454500 N4964400
LAT & LONG: 45-05 NORTH 75-22 WEST

REC METHOD: A71 RECORDER
REC COMMENT: MAY 11 1976
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND FLEV: 69 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: UNKNOWN 9.5.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: UNKNOWN
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1													1
2													2
3													3
4													4
5													5
6											4.78 E		6
7											4.73 E		7
8													8
9											4.58 E		9
10											4.73 E		10
11											4.97 E		11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31											4.99 E		31
-MONTHLY SUMMARY-													
MEAN													MEAN
INST													INST
MAX													MAX
INST													INST
MIN													MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 209

TOWNSHIP OF HUNGERFORD

CONC. 5

LOT 1

WELL REC #1 2000582
UTM CO-ORD: 7-18 E312982 N0918717
LAT & LONG: 44-24NORTH 77-21WEST

REC METHOD: 1" TYPE RECORDER
REC NUMBER: NOV. 24 1967
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 165 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND AND BOULDERS 2.1; LIMESTONE 21.7

PUMP RATE: N/A.
SPEC. CAP: N/A.
AQUIFER: 1 LIMESTONE
QUALITY: 1 FRESH

1960
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			11.54	8.87						13.71 E	13.78 E		1
2			11.48	7.87						13.78 E	13.82 E		2
3			11.53	8.44						13.80 E	13.79 E		3
4			11.54	8.82						13.79 E	13.60 E		4
5			11.65							13.82 E	13.38 E		5
6			11.60	9.54						13.78 E			6
7			11.56							13.77 E			7
8			11.49							13.79 E			8
9			11.51	9.97						13.86 E			9
10			11.73	10.23						13.84 E			10
11			12.15							13.82 E			11
12			11.95							13.80 E			12
13	10.35		12.04							13.84 E			13
14	10.35		11.79							13.87 E			14
15			11.84							13.85 E			15
16	10.46		11.72							13.86 E			16
17	10.27		11.62						13.85 E	13.83 E			17
18	10.56		11.52						13.85 E	13.82 E			18
19			11.66						13.82 E	13.83 E			19
20	10.90		11.68						13.81 E	13.81 E			20
21			11.59						13.78 E	13.83 E			21
22	12.45		11.36						13.82 E	13.84 E			22
23	10.72	11.77	7.70						13.84 E	13.86 E			23
24	10.70		2.19						13.84 E	13.86 E			24
25	10.76		2.10						13.82 E	13.82 E			25
26	10.42	11.79	2.11						13.82 E	13.79 E			26
27	10.78	11.96	2.16						13.81 E	13.86 E			27
28	10.80	11.83	2.32						13.79 E	13.83 E			28
29	10.76	11.81	2.59						13.77 E	13.81 E			29
30	10.79		3.25						13.70 E	13.84 E			30
31	11.20		5.11							13.80 E			31
-MONTHLY SUMMARY-													
MEAN			9.23							13.82			MEAN
INST			2.09							13.66			INST
MAX			(25)							(1)			MAX
INST			12.51							13.91			INST
MIN			(11)							(27)			MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 400

TOWNSHIP OF SIDNEY

CONC. 5

LOT 1

WELL REC #: 2996088
UTM CO-ORD: 7-18 E291640 N4896980
LAT & LONG: 44-12NORTH 77-37WEST

REC METHOD: 1" TYPE RECORDER
REC NUMBER: JAN. 1974
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 122 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK TOPSOIL 0.3; BROWN SAND 0.9; LOOSE BROWN SAND AND FINE GRAVEL 2.1; BROWN SAND AND COARSE GRAVEL 15.3; BROWN SAND GRAVEL BOULDERS 18.3; GREY LIMESTONE 19.8.

PUMP RATE: 11 L/S
SPEC. CAP: 2.23 L/S/M
AQUIFER: 1 SAND AND GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15.97	15.40	15.63		14.02 E	14.04		15.83			15.63	15.57	1
2	15.94		15.64		14.38 E	14.04		15.84			15.62	15.57	2
3	15.92		15.65		14.34 E	14.05		15.84			15.62	15.56	3
4	15.89		15.65		14.29 E	14.05		15.84			15.61	15.56	4
5	15.87		15.66		14.26 E	14.05		15.84			15.61	15.55	5
6	15.86		15.66		14.24 E	14.05		15.85			15.61	15.55	6
7	15.82		15.67		14.22 E	14.05		15.87			15.61	15.54	7
8	15.73		15.67		14.19 E	14.06		15.90			15.61	15.53	8
9	15.72		15.67		14.17 E	14.06		15.92			15.61	15.53	9
10	15.72		15.68		14.15 E	14.07		15.94			15.61	15.52	10
11	15.72		15.68		14.12 E	14.08		15.96			15.61	15.51	11
12	15.73		15.68		14.10 E	14.09		15.97			15.61	15.50	12
13	15.73		15.68		14.06 E	14.09		15.98			15.61	15.49	13
14	15.72		15.68		14.03 E	14.10		15.98			15.61	15.47	14
15	15.69		15.68	15.09 E	14.00 E	14.11		15.98			15.61	15.46	15
16	15.65		15.68	15.05 E	13.99	14.11	15.69				15.60	15.45	16
17	15.62		15.67	15.01 E	13.98		15.70				15.60	15.44	17
18	15.60		15.67	14.97 E	13.96		15.72				15.60	15.42	18
19	15.57		15.67	14.93 E	13.95		15.74				15.59	15.41	19
20	15.55		15.65	14.89 E	13.95		15.75				15.59	15.41	20
21	15.54		15.63	14.85 E	13.94		15.76				15.59	15.40	21
22	15.52	15.57	15.59	14.81 E	13.93		15.78				15.59	15.39	22
23	15.51	15.58	15.55	14.75 E	13.94		15.80				15.59	15.38	23
24	15.50	15.59		14.71 E	13.95		15.81			15.59	15.59	15.38	24
25	15.49	15.60		14.67 E	13.96		15.82			15.61	15.59	15.37	25
26	15.49	15.61		14.63 E	13.98		15.83			15.62	15.59	15.36	26
27	15.48	15.62		14.59 E	14.00		15.83			15.63	15.58	15.36	27
28	15.47	15.62		14.55 E	14.02		15.83			15.63	15.57	15.35	28
29	15.45	15.63		14.51 E	14.04		15.83			15.64	15.57	15.34	29
30	15.43			14.46 E	14.04		15.83			15.64	15.57	15.33	30
31	15.41				14.04		15.83			15.63		15.33	31
-MONTHLY SUMMARY-													
MEAN	15.66				14.09						15.60	15.45	MEAN
INST	15.40				13.93						15.57	15.33	INST
MAX	(21)				(22)						(30)	(31)	MAX
INST	15.99				14.44						15.63	15.57	INST
MIN	(1)				(1)						(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 554
TOWNSHIP OF SIDNEY

CONC. 5 LOT 13

WELL REC #1 2409393
UTM CO-ORD: 7-18 E296000 N4898120
LAT & LONG: 44-13NORTH 77-00WEST

REC METHOD: A-35 RECORDER
REC COMMCO: JUNE 20 1979
MEASURE PT: 0.55 METRES ABOVE GROUND SURFACE
GND ELEV: 122 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: DENSE BROWN CLAY & STONES 6.11 LOOSE BROWN SAND & GRAVEL 17.41 SHATTERED GREY LIMESTONE 17.7.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 13.7 METRES
LENGTH OF SCREEN: 3.4 METRES
DEPTH OF WELL: 17.1 METRES

PUMP RATE: 11.4 L/S
SPEC. CAP: 2.81 L/S/M
AQUIFER: 1 SAND AND GRAVEL
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.15		3.28	3.25		2.79 E	2.92 E	2.97 E	3.04 E	3.27	3.29	3.19	1
2	3.17		3.28	3.24		2.80 E	2.92 E	2.98 E	3.05 E	3.28	3.30	3.18	2
3	3.18		3.29	3.24		2.81 E	2.92 E	2.97 E	3.04 E	3.28	3.31	3.17	3
4	3.19		3.29	3.24		2.82 E	2.92 E	2.97 E	3.05 E	3.28	3.31	3.13	4
5	3.20		3.29	3.24			2.92 E	2.98 E	3.05 E	3.28	3.31	3.10	5
6	3.22		3.29	3.23			2.93 E	2.98 E	3.06 E	3.28	3.32	3.09	6
7	3.23		3.29	3.23			2.93 E	2.98 E	3.07 E	3.29	3.33	3.09	7
8	3.24		3.29	3.22		2.83 E	2.93 E	2.99 E	3.07 E	3.29	3.33	3.10	8
9	3.24		3.29	3.25			2.93 E	2.99 E	3.08 E	3.30	3.33	3.10	9
10	3.25		3.28	3.28			2.93 E	2.99 E	3.08 E	3.30	3.32	3.07	10
11	3.21		3.26	3.29			2.94 E	3.00 E	3.08 E	3.30	3.32	3.06	11
12	3.04		3.27	3.30			2.94 E	3.00 E	3.09 E	3.30	3.32	3.06	12
13	3.06		3.27	3.31			2.94 E	3.00 E	3.10 E	3.30	3.31	3.06	13
14	3.08		3.27	3.00 E			2.94 E	3.00 E	3.11 E	3.30	3.28	3.06	14
15	3.09		3.27	2.73 E			2.94 E	3.01 E	3.11 E	3.31	3.24	3.07	15
16	3.09		3.28	2.72 E			2.94 E	3.01 E	3.12 E	3.32	3.20	3.08	16
17	3.09		3.23	2.72 E			2.94 E	3.02 E	3.24	3.32	3.20	3.10	17
18	3.08		3.07	2.72 E			2.94 E	3.02 E	3.24	3.32	3.20	3.11	18
19	3.07		3.04	2.73 E	2.71 E		2.94 E	3.03 E	3.24	3.33	3.20	3.11	19
20	3.07		3.09	2.73 E	2.72 E		2.95 E	3.03 E	3.24	3.33	3.19		20
21	3.07		3.53	2.74 E	2.72 E	2.88 E	2.95 E	3.24	3.24	3.33	3.19		21
22	3.07	3.26	3.74	2.76 E	2.72 E	2.90 E	2.95 E	2.96 E	3.25	3.33	3.19		22
23	3.08	3.26	3.60		2.73 E	2.90 E	2.95 E	2.99 E	3.25	3.34	3.19		23
24	3.08	3.27	3.49		2.75 E	2.90 E	2.95 E	3.01 E	3.26	3.33	3.19		24
25		3.27	3.42		2.76 E	2.91 E	2.96 E	3.02 E	3.26	3.33	3.19		25
26		3.27	3.36		2.76 E	2.90 E	2.96 E	3.03 E	3.26	3.31	3.19		26
27		3.27	3.33		2.77 E	2.91 E	2.96 E	3.03 E	3.26	3.24	3.21		27
28		3.27	3.30		2.77 E	2.92 E	2.96 E	3.03 E	3.27	3.25	3.21		28
29		3.27	3.29		2.78 E	2.92 E	2.97 E	3.02 E	3.27	3.27	3.21		29
30			3.28		2.78 E	2.92 E	2.97 E	3.03 E	3.27	3.28	3.20		30
31			3.27		2.79 E		2.97 E	3.04 E		3.28			31
-MONTHLY SUMMARY-													
MEAN			3.31				2.94	3.00	3.16	3.30	3.25		MEAN
INST			3.01				2.92	2.92	3.04	3.16	3.19		INST
MAX			(18)				(1)	(21)	(1)	(1)	(21)		MAX
INST			3.90				2.97	3.04	3.27	3.34	3.33		INST
MIN			(21)				(31)	(31)	(28)	(22)	(8)		MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 122
TOWNSHIP OF THURLOW

CONC. 6 LOT 22

WELL REC #1 2905483
UTM CO-ORD: 7-18 E312800 N4904950
LAT & LONG: 44-17NORTH 77-21WEST

REC METHOD: 1" TYPE RECORDER
REC COMMCO: FEB 2 1965
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 114 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: STONEY CLAY 9.2.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.2 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: 1 CLAY
QUALITY: 1 FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.81	1.18	1.92	0.74						2.76	2.02	1.19	1
2	0.81	1.23	1.94	0.71						2.77	1.99	1.12	2
3	0.84	1.27	1.94	0.67						2.78	1.97	0.90	3
4	0.88	1.31	1.96							2.79	1.95	0.82	4
5	0.93	1.34	1.97							2.80	1.94	0.86	5
6	0.99	1.37	2.00							2.82	1.93	0.89	6
7	1.03	1.39	2.02							2.83	1.92	0.87	7
8	1.08	1.41	2.04							2.83	1.89	0.85	8
9	1.12	1.43	2.06							2.84	1.83	0.99	9
10	1.15	1.46	2.08							2.86	1.70	1.01	10
11	1.09	1.49	2.08							2.87	1.58	0.97	11
12	0.74	1.52	2.10							2.87	1.52	0.94	12
13	0.73	1.56	2.13							2.85	1.49	0.92	13
14	0.74	1.59	2.14							2.84	1.45	0.89	14
15	0.77	1.62	2.14							2.83	1.40	0.87	15
16	0.79	1.63	2.16							2.83	1.34	0.83	16
17	0.81	1.66	2.17							2.84	1.30	0.80	17
18	0.77	1.69	2.15						2.68	2.69	1.30		18
19	0.74	1.71	2.15						2.71	2.65	1.31		19
20	0.73	1.73	2.14						2.72	2.64	1.33		20
21	0.74	1.75	2.05						2.74	2.64	1.35		21
22	0.77	1.77	1.83						2.76	2.64	1.36		22
23	0.79	1.80	1.85						2.77	2.65	1.37		23
24	0.82	1.82	1.82						2.78	2.67	1.37		24
25	0.87	1.83	1.82						2.78	2.68	1.35		25
26	0.94	1.85	0.96						2.79	2.61	1.30		26
27	1.00	1.87	0.94						2.79	2.56	1.26		27
28	1.05	1.88	0.92						2.77	2.57	1.25		28
29	1.06	1.90	0.90						2.76	2.54	1.21		29
30	1.11		0.84						2.76	2.55	1.22		30
31	1.15		0.78							2.78			31
-MONTHLY SUMMARY-													
MEAN	0.90	1.59	1.72							2.79	1.54		MEAN
INST	0.71	1.16	0.75							2.64	1.21		INST
MAX	(12)	(1)	(31)							(31)	(30)		MAX
INST	1.17	1.91	2.17							2.68	2.64		INST
MIN	(11)	(29)	(17)							(25)	(1)		MIN

REC METHOD: A-35 RECORDER

REC COMMENT: AUG. 92 1979

MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE

GND FLEV: 118 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: PACKED BROWN SAND WITH GRAVEL & BOULDERS 2.1; GREY LIMESTONE 0.8; BROKEN GRFY LIMESTONE 21.4.

DIAMETER OF WELL: 20 CM

LENGTH OF CASING: 2.0 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 21.4 METRES

PUMP RATE: 2.1 L/S

SPEC. CAP: 0.04 L/S/M

AQUIFER: LIMESTONE

QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						6.04	7.69	8.42	9.17		8.89	9.43	1
2						6.07	7.72	8.42	9.18		8.87	9.47	2
3						6.13	7.75	8.43	9.20		8.97	9.48	3
4						6.23	7.78	8.48	9.12		9.16	9.43	4
5						6.32	7.77	8.48	9.06		9.17	9.53	5
6						6.33	7.86	8.49	9.04		9.18	9.61	6
7						6.35	7.90	8.50	9.00		9.23	9.69	7
8						6.35	7.88	8.49	8.97		9.21	9.80	8
9						6.44	7.96	8.54	8.90		9.28	9.79	9
10						6.54	7.95	8.59	8.91		9.32	9.83	10
11						6.68	7.94	8.59	8.86		9.28	9.77	11
12						6.77	8.01	8.60	8.90		9.27	9.85	12
13						6.78	8.05	8.66	8.84		9.32	9.86	13
14						6.78	8.09	8.65	8.79		9.38	9.83	14
15						6.82	8.07	8.68	8.81		9.37		15
16						6.94	8.10	8.74	8.78		9.35		16
17						7.02	8.12	8.77	8.75		9.37		17
18						7.04	8.20	8.76	8.80		9.45		18
19						7.09	8.21	8.79	8.76		9.39		19
20						7.08	8.21	8.84	8.70		9.37		20
21						7.20	8.22	8.86	8.72		9.38		21
22						7.27	8.22	8.89	8.71		9.32		22
23						7.32	8.25	8.93	8.74		9.30		23
24						7.35	8.31	8.95	8.73		9.34		24
25						7.39	8.32	8.97	8.61		9.34		25
26						7.41	8.35	9.01	8.55	8.10	9.29		26
27						7.48	8.38	9.04	8.53	8.05	9.33		27
28						7.56	8.39	9.09	8.45	8.26	9.49		28
29					5.95	7.54	8.40	9.10		8.37	9.57		29
30					5.97	7.58	8.43	9.10		8.54	9.45		30
31					5.96		8.46	9.14		8.81			31
-MONTHLY SUMMARY-													
MEAN						6.86	8.10	8.74			9.29		MEAN
INST						5.97	7.65	8.41			8.86		INST
MAX						(1)	(1)	(1)			(2)		MAX
INST						7.65	8.46	9.17			9.60		INST
MIN						(30)	(31)	(31)			(28)		MIN

REC METHOD: A35 RECORDER

REC COMMENT: NOV. 30 1978

MEASURE PT: METRES ABOVE GROUND SURFACE

GND FLEV: 94 METRES ABOVE SEA LEVEL

WELL TYPE: DRILLED

WELL LOG: GREY CLAY 4.0; WHITE SANDSTONE 89.7.

DIAMETER OF WELL: 30 CM

LENGTH OF CASING: 6.7 METRES

LENGTH OF SCREEN: NONE

DEPTH OF WELL: 89.7 METRES

PUMP RATE: 6 L/S

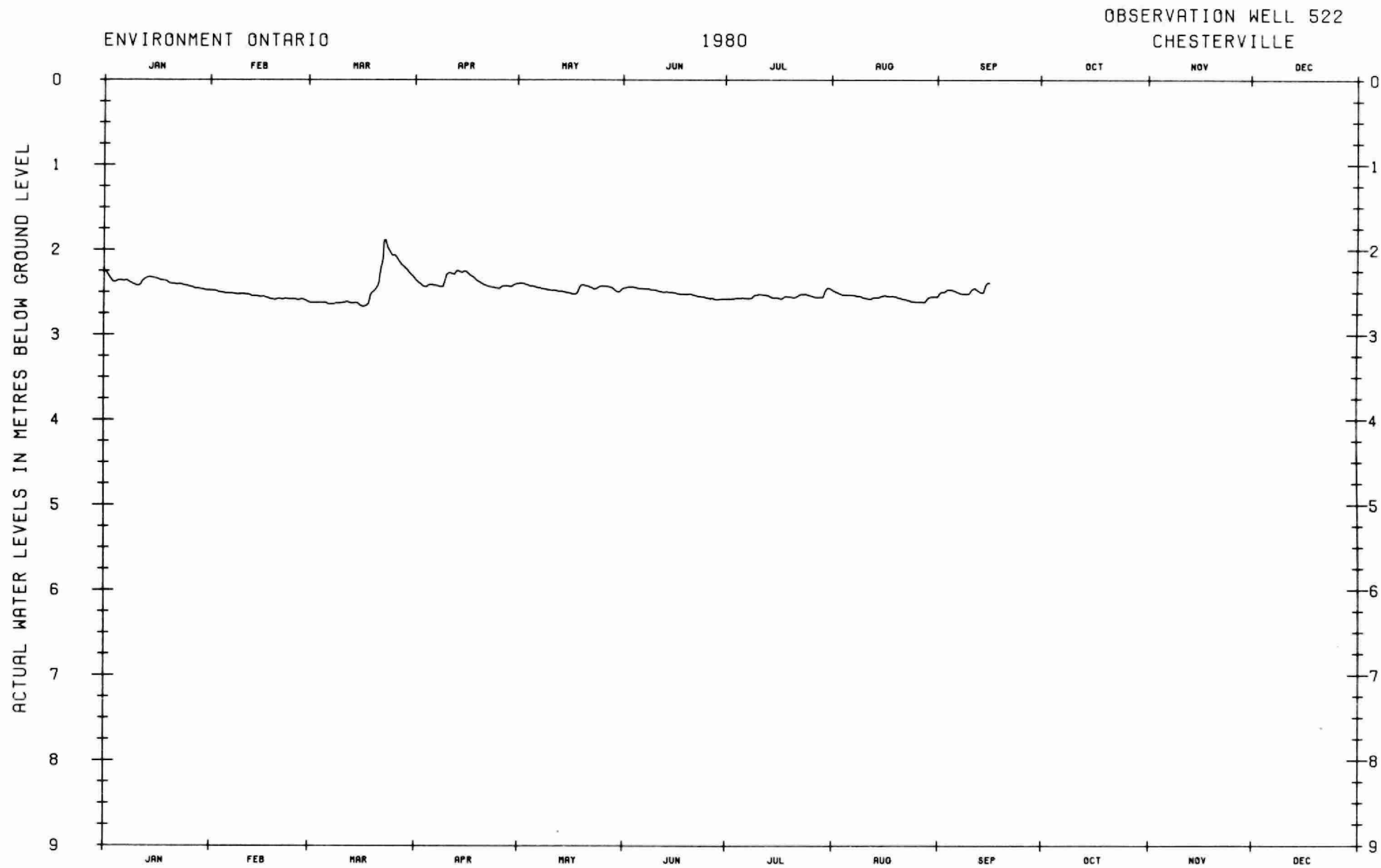
SPEC. CAP: N.A.

AQUIFER: WHITE SANDSTONE

QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW MEASURING POINT

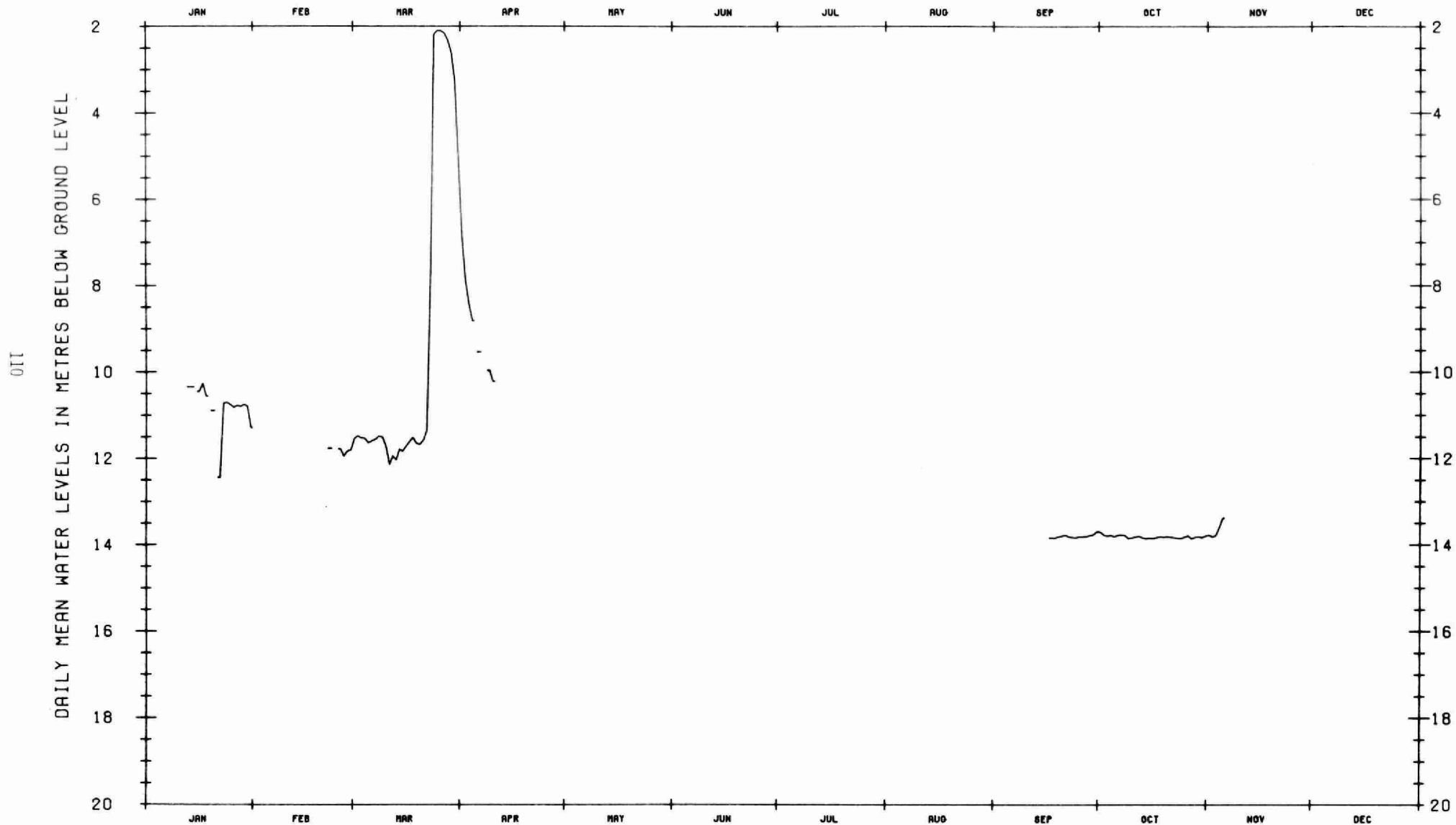
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.28	2.94	3.32	3.44						3.00	2.77	2.81	1
2	2.32	2.96	3.32	3.46						3.01	2.79	2.80	2
3	2.37	2.97	3.33	3.48						3.02	2.80	2.70	3
4	2.42	2.99	3.34	3.49						3.03	2.80	2.69	4
5	2.47	3.00	3.36	3.48						3.02	2.82	2.69	5
6	2.49	3.02	3.39	3.48						3.01	2.83	2.70	6
7	2.50	3.04	3.39	3.48						3.01	2.84	2.71	7
8	2.54	3.06	3.39	3.49						3.00	2.81	2.71	8
9	2.59	3.06	3.39	3.37						3.02	2.78	2.70	9
10	2.61	3.08	3.39	3.12						3.02	2.78	2.70	10
11	2.59	3.10	3.38	2.97						3.02	2.79	2.72	11
12	2.51	3.11	3.37	2.92						3.02	2.80	2.72	12
13	2.51	3.12	3.37	2.89						3.03	2.80	2.74	13
14	2.53	3.13	3.37	2.87						3.04	2.81	2.75	14
15	2.59	3.14	3.37	2.84						3.04	2.81	2.76	15
16	2.61	3.16	3.37	2.86						3.04	2.81	2.76	16
17	2.62	3.17	3.37	2.91						3.05	2.82	2.76	17
18	2.65	3.18	3.36	2.96						3.04	2.82	2.76	18
19	2.68	3.19	3.31	3.01						3.03	2.84	2.76	19
20	2.69	3.20	3.36	3.04						3.04	2.84	2.76	20
21	2.71	3.23	3.51							3.04	2.85	2.76	21
22	2.73	3.24	3.73							3.04	2.86	2.76	22
23	2.75	3.24	3.74							3.05	2.86	2.76	23
24	2.79	3.25	3.68							3.05	2.86	2.76	24
25	2.83	3.26	3.62						3.04	3.03	2.83	2.77	25
26	2.84	3.27	3.55						3.02	2.79	2.81	2.77	26
27	2.86	3.27	3.49						3.00	2.71	2.80	2.76	27
28	2.89	3.27	3.45						3.00	2.71	2.79	2.77	28
29	2.90	3.30	3.43						3.00	2.72	2.79	2.77	29
30	2.91		3.43						3.00	2.74	2.80	2.77	30
31	2.92		3.43							2.74		2.77	31
-MONTHLY SUMMARY-													
MEAN	2.64	3.14	3.43							2.97	2.81	2.75	MEAN
INST	2.26	2.93	3.31							2.70	2.75	2.69	INST
MAX	(1)	(1)	(19)							(28)	(1)	(4)	MAX
INST	2.93	3.32	3.78							3.05	2.86	2.81	INST
MIN	(31)	(29)	(22)							(24)	(24)	(1)	MIN



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 209
TOWNSHIP OF HUNGERFORD

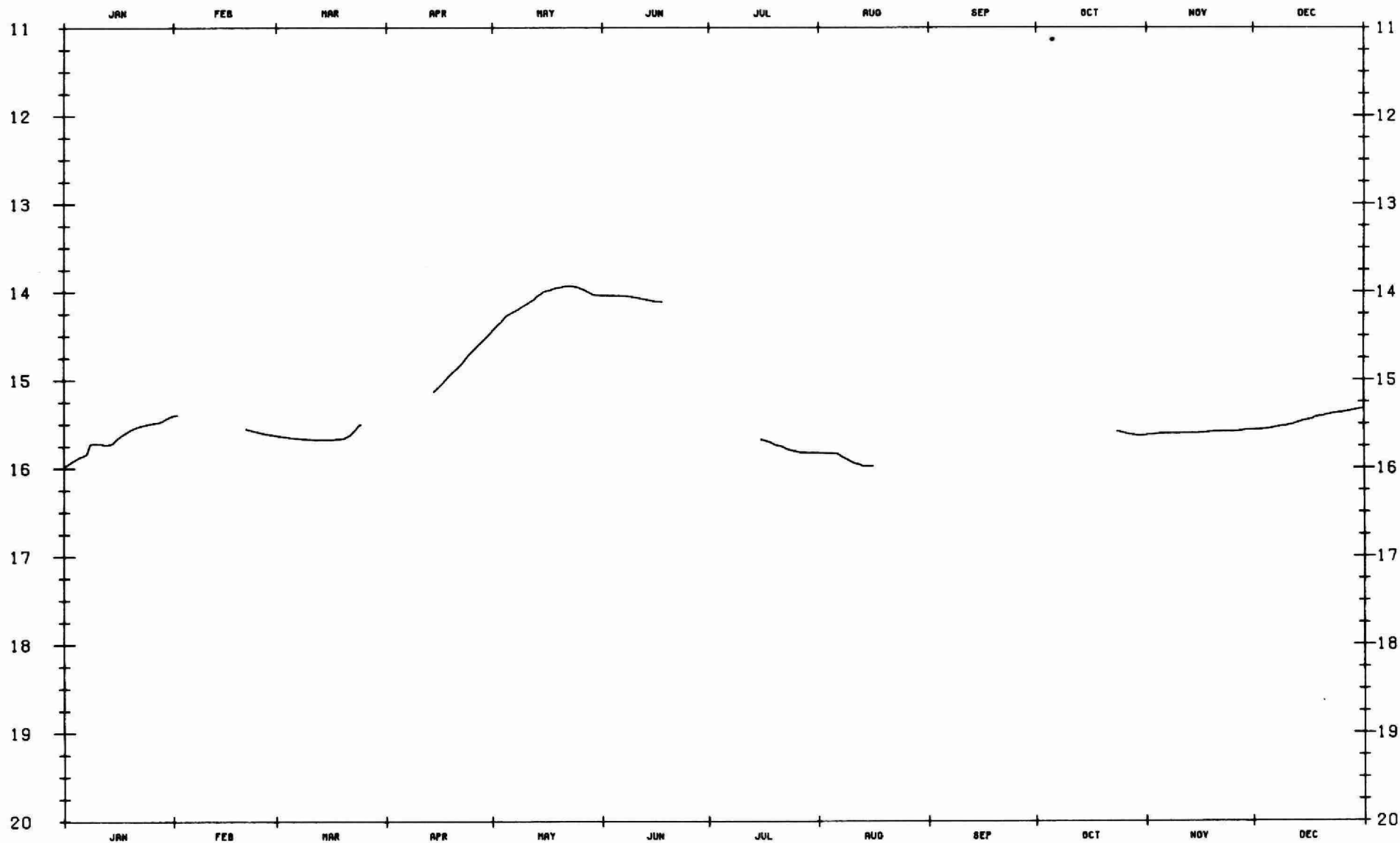


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 400
TOWNSHIP OF SIDNEY

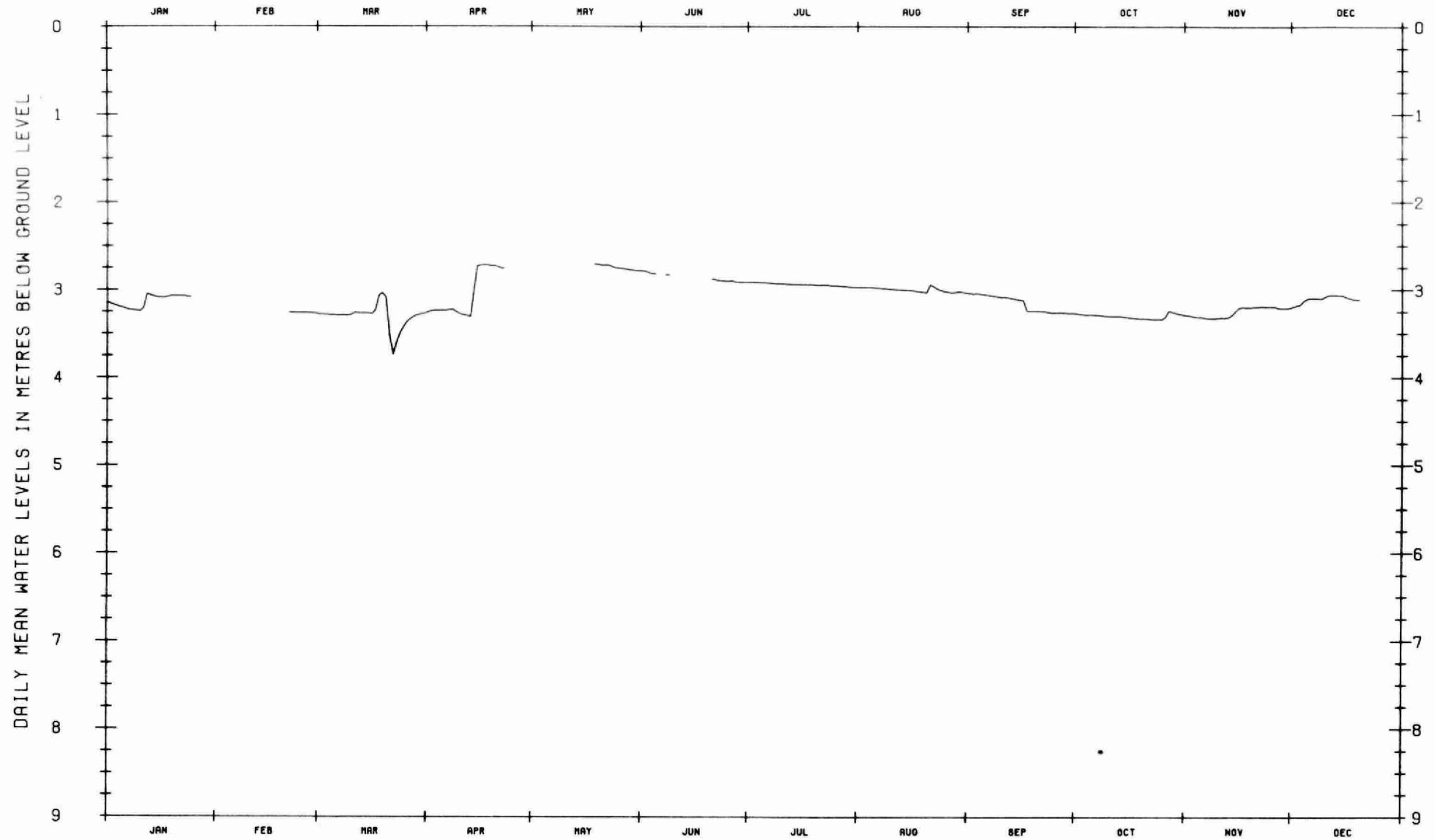
III
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL

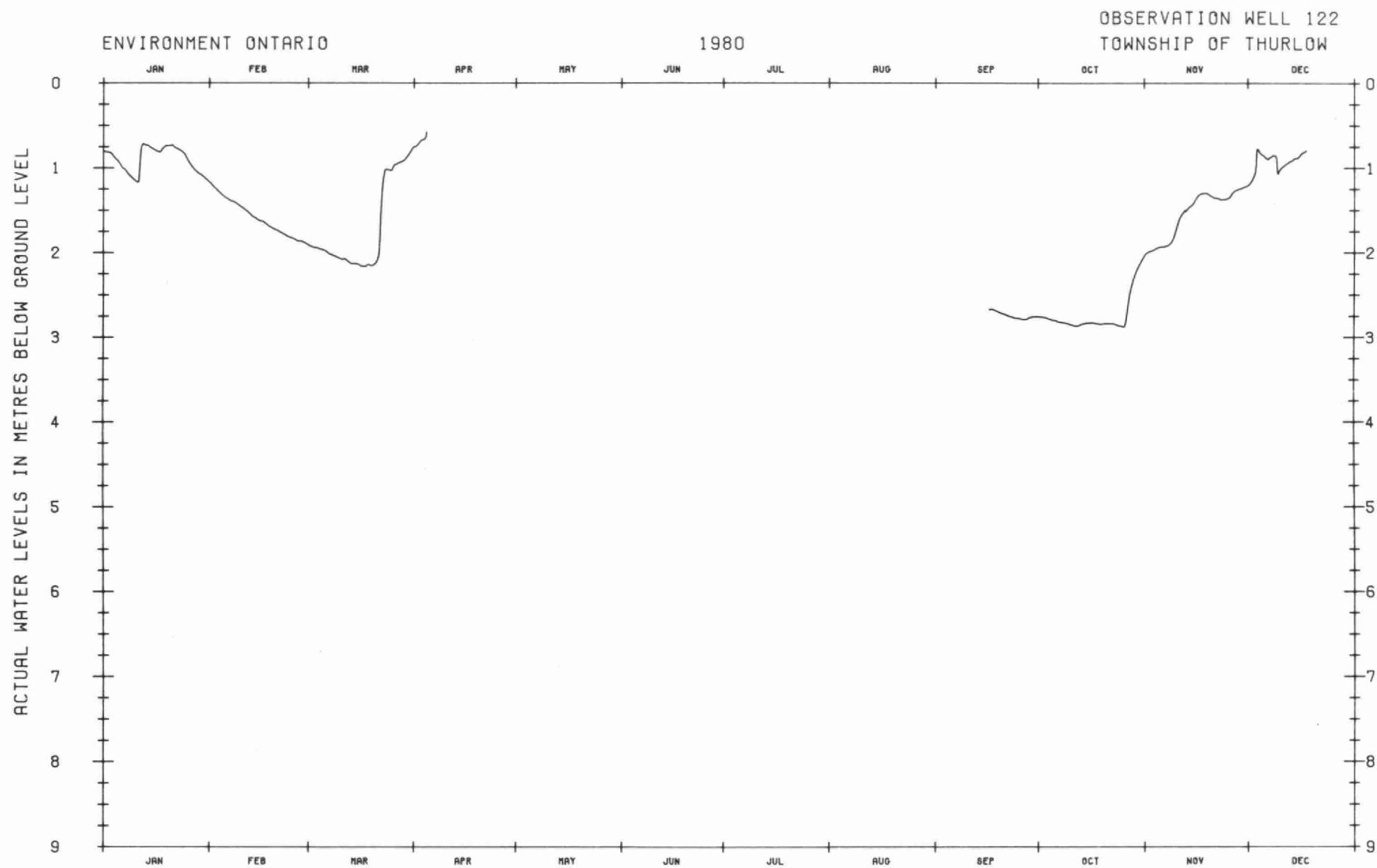


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 554
TOWNSHIP OF SIDNEY

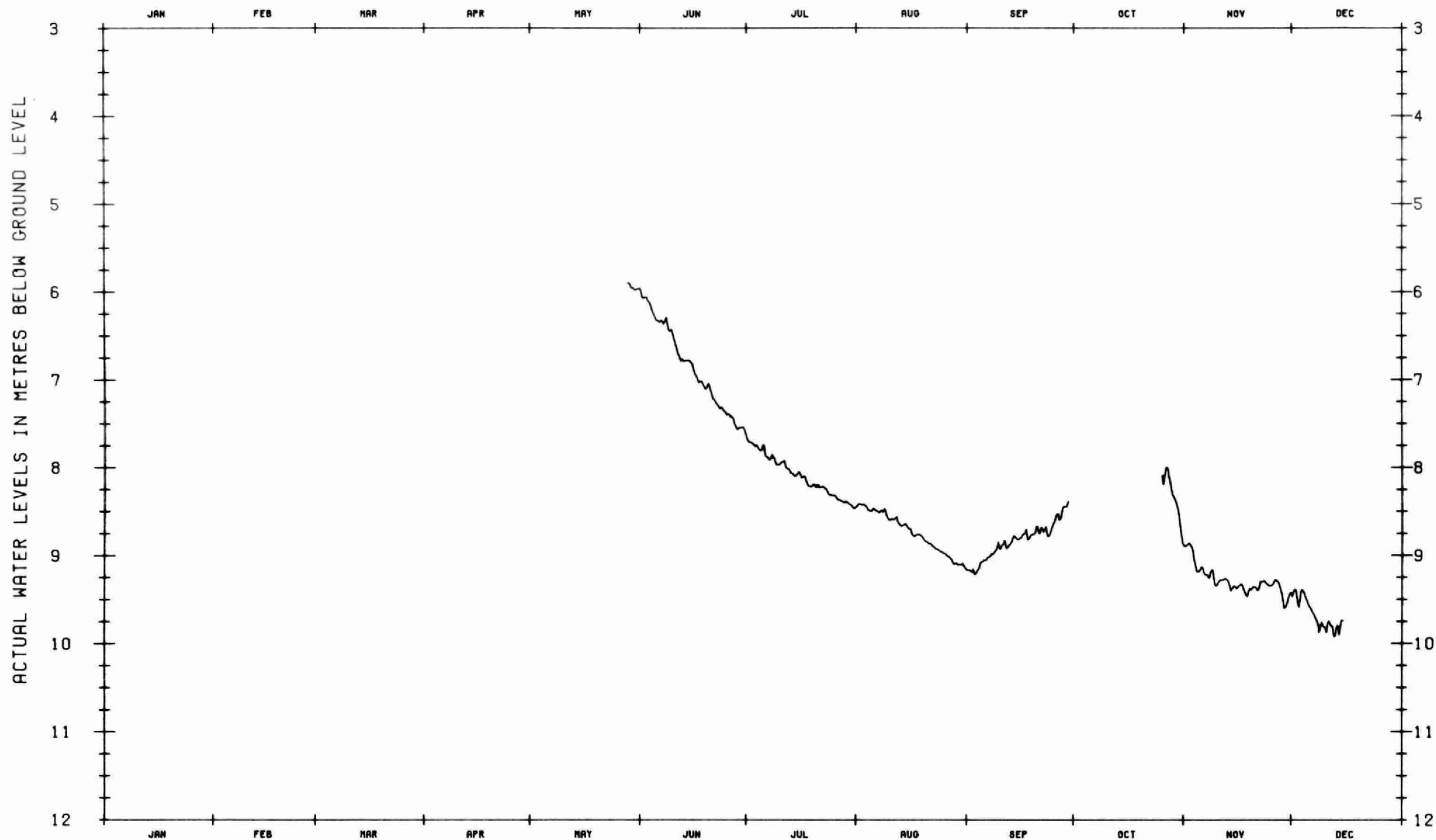


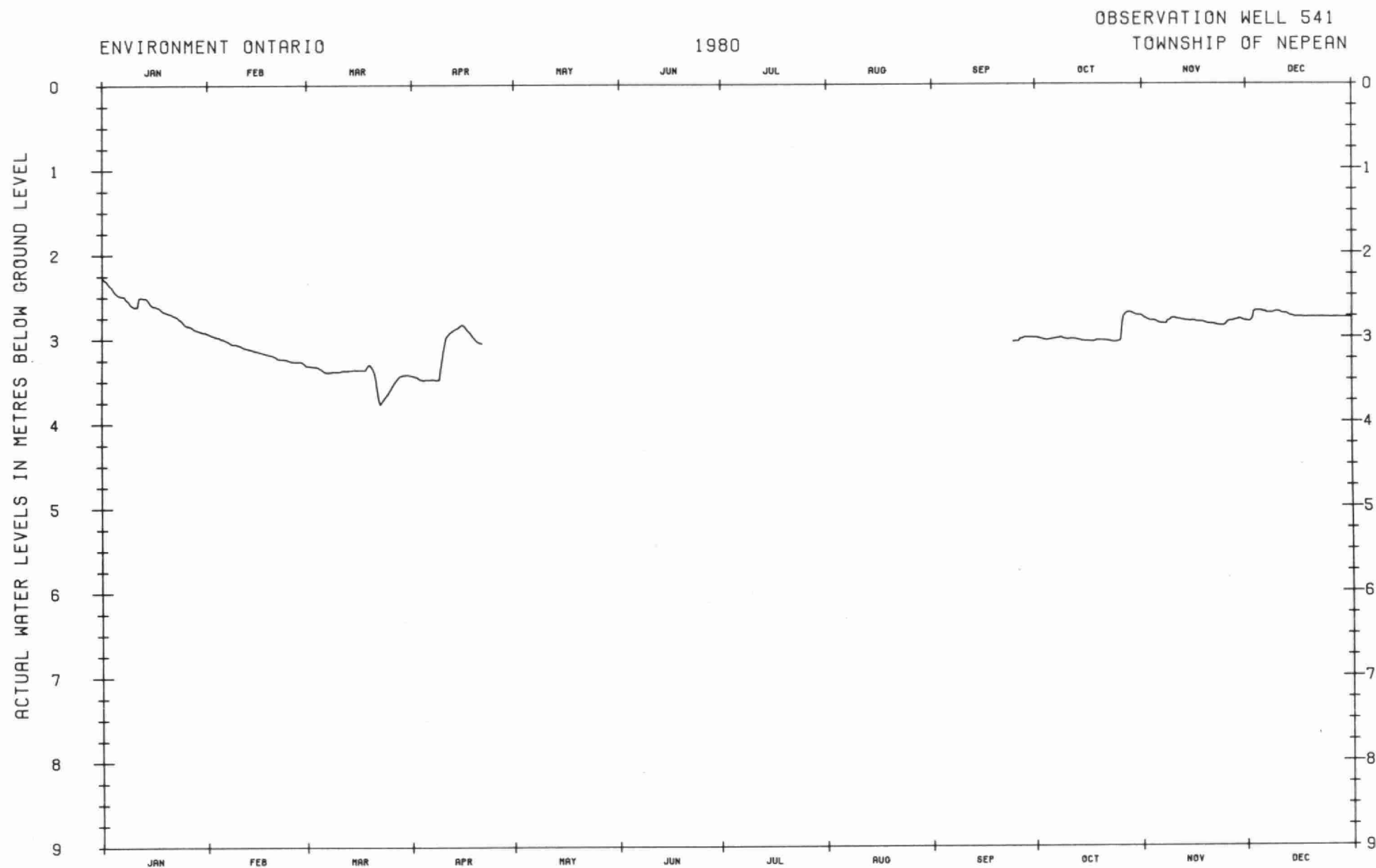


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 555
TOWNSHIP OF GLOUCESTER

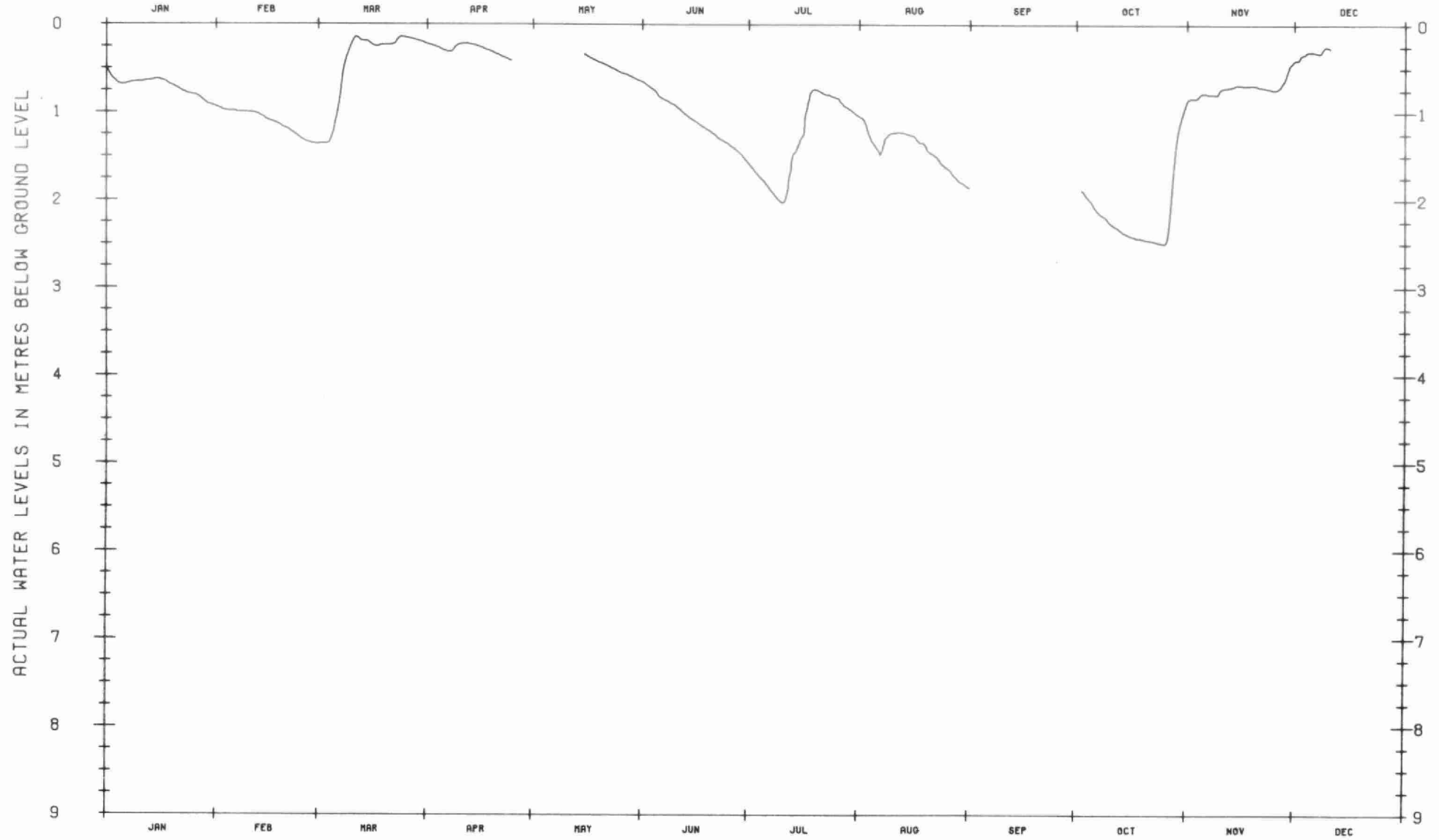


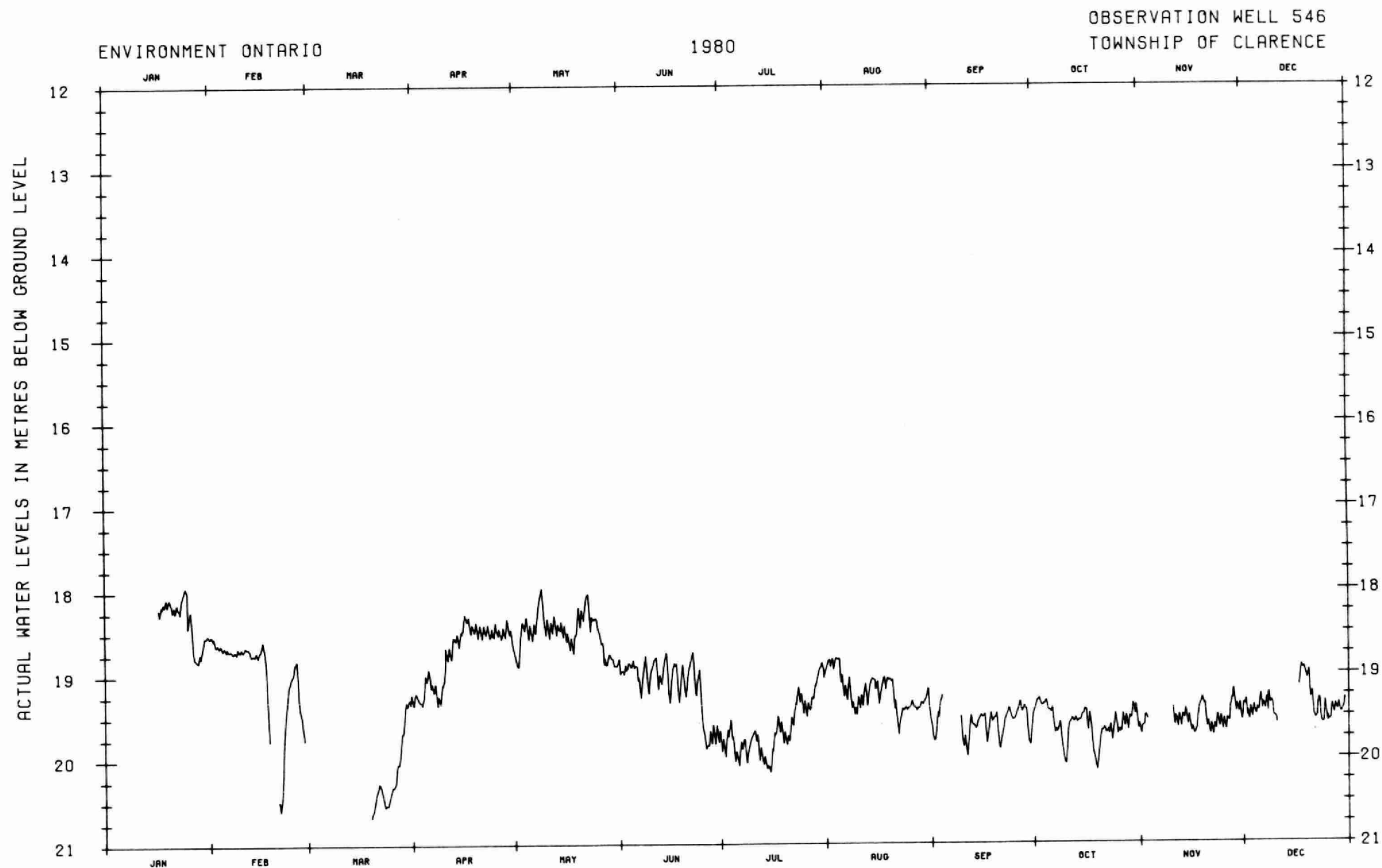


ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 178
TOWNSHIP OF HALLOWELL





Northeastern Region

5



Ministry
of the
Environment
Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE

SUDBURY

199 Larch St.
705-675-4501

DISTRICT OFFICES

North Bay

1500 Fisher St.
705-476-1001

Sault Ste. Marie

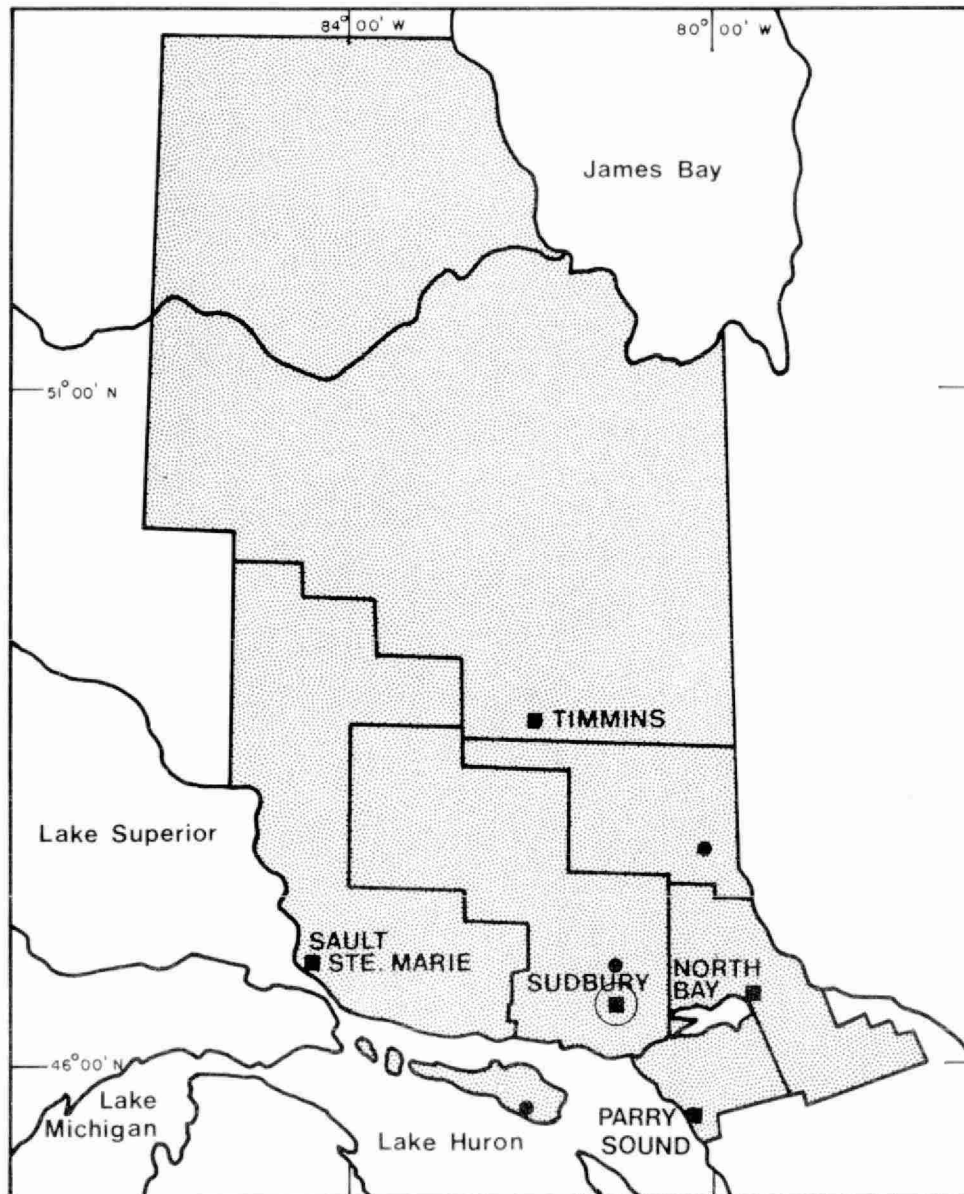
445 Albert St. E.
705-949-4640

Timmins

83 Algonquin Blvd. W.
705-264-9474

Parry Sound

74 Church St.
705-746-2139



LEGEND

Regional Office

District Office

Recording Observation Well

Number of Recording Wells
in same location

Manually Measured Well

Number of Manually Measured Wells
in same location



OBSERVATION WELL DISTRIBUTION

ENVIRONMENT ONTARIO
TORONTO
SUBURBAN DISTRICT

OBSERVATION WELL 550

TOWNSHIP OF HANMER

CONC. 3 LOT 2

WELL REC #1 5903A22
UTM CO-ORDS: Z-17 E502850 N5167000
LAT & LONG: 46-39NORTH 80-58WEST

REC METHOD: 151 TYPE RECORDER
REC COMM: AUG. 17 1979
MEASURE PT: 0.75 METRES ABOVE GROUND SURFACE
GND ELEV: 296 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.31 SOFT BROWN CLAY WITH SAND 1.5; LOOSE BROWN SAND 6.4; LOOSE BROWN SAND WITH GRAVEL 13.4; SOFT GREY CLAY 13.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 12.5 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 13.4 METRES

PUMP RATE: 0.2 L/S
SPEC. CAP: 0.035 L/S/M
AQUIFER: AND
QUALITY: FRESH

E = ESTIMATED

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.47			1.75	1.25	1.24	1.39	1.43	1.55	1.46			1
2	1.49			1.71	1.23	1.26	1.40	1.42	1.55	1.46			2
3	1.50			1.68	1.21	1.26	1.40		1.56	1.46			3
4	1.51			1.65	1.21	1.27	1.41			1.46			4
5	1.52			1.64	1.20	1.29	1.41			1.47			5
6	1.52			1.64	1.20	1.29	1.42			1.46			6
7	1.50			1.62	1.17	1.29	1.43	1.49		1.45			7
8	1.54			1.59	1.14	1.29	1.43	1.49		1.44			8
9	1.55			1.55	1.10	1.23	1.44	1.49		1.46			9
10	1.56				1.09	1.24	1.44	1.50		1.45			10
11	1.52			1.46		1.27	1.45	1.51		1.45			11
12	1.50			1.44		1.28	1.46	1.51		1.46			12
13	1.50			1.44		1.28	1.46	1.52		1.48			13
14	1.51			1.42		1.29	1.47	1.51		1.49			14
15	1.54			1.40		1.30	1.48	1.50		1.49			15
16	1.54			1.40		1.31	1.48	1.48		1.47			16
17	1.53			1.39	1.17	1.31	1.49	1.49		1.46			17
18	1.53			1.38	1.13	1.32	1.49	1.49		1.47	1.58		18
19	1.54	1.85		1.37	1.11	1.32	1.50	1.49		1.47	1.58		19
20	1.55	1.85		1.36	1.12	1.32	1.50	1.50		1.48	1.59		20
21	1.54	1.81		1.36	1.13	1.33	1.50	1.50		1.51	1.59		21
22		1.80		1.34	1.14	1.34	1.51	1.51		1.52	1.59		22
23		1.79		1.33	1.16	1.35	1.49	1.52		1.50	1.59		23
24		1.78		1.33	1.17	1.35	1.46	1.53		1.47	1.59		24
25		1.78		1.33	1.18	1.36	1.45	1.54		1.49			25
26		1.79		1.32	1.19	1.36	1.45	1.54		1.50			26
27		1.80		1.30	1.21	1.38	1.46	1.54		1.50			27
28		1.80		1.29	1.22	1.38	1.47	1.55		1.51			28
29		1.80		1.27	1.23	1.38	1.47	1.56		1.50			29
30		1.79		1.26	1.23	1.38	1.48	1.55	1.48				30
31		1.77			1.23		1.48	1.55					31
-MONTHLY SUMMARY-													
MEAN						1.31	1.46						MEAN
INST						1.22	1.39						INST
MAX						(9)	(1)						MAX
INST						1.39	1.51						INST
MIN						(30)	(22)						MIN

ENVIRONMENT ONTARIO
TORONTO
TIMISKAMING COUNTY

OBSERVATION WELL 556

TOWNSHIP OF ARMSTRONG

CONC. 3 LOT 3

WELL REC #1 6301291
UTM CO-ORDS: Z-17 E590870 N5283200
LAT & LONG: 47-42NORTH 79-47WEST

REC METHOD: 435 RECORDER
REC COMM: JUL. 26 1978
MEASURE PT: N.A.
GND ELEV: 260.8 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: OVERBURDEN 13.11 LIMESTONE, DOLOMITE AND SHALE 49.1.

DIAMETER OF WELL: 15.2 CM
LENGTH OF CASING: 13.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 61.9 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER: LIMESTONE
QUALITY: FRESH

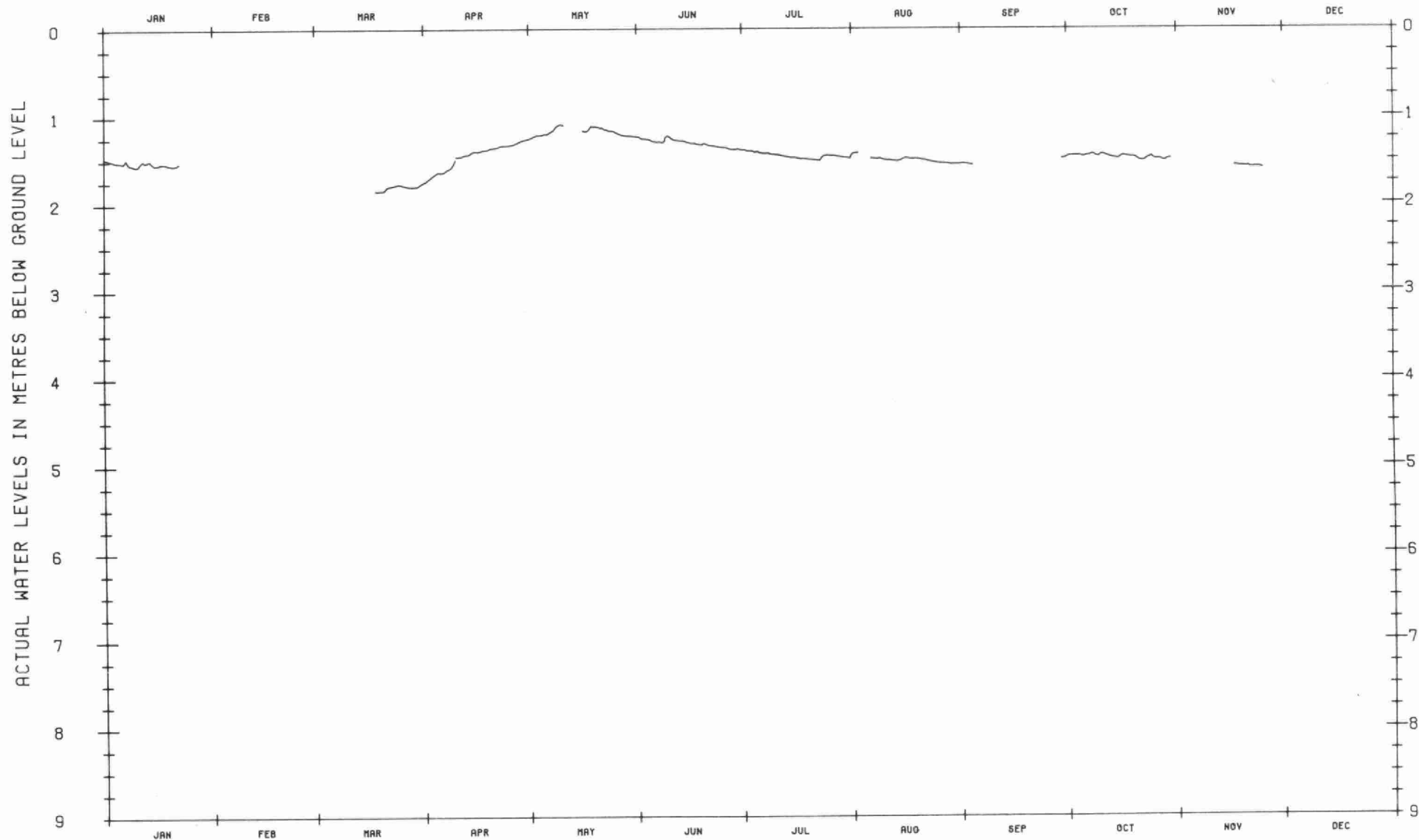
1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	6.50			11.22	7.86 E	11.09 E	14.33 E		17.86 E	18.10 E	17.62	17.83	1
2	6.59			11.15	7.99 E		14.43 E		17.89 E	18.10 E	17.69	17.72	2
3	6.68			11.03	8.18 E		14.50 E		17.95 E	18.14 E	17.66	17.75	3
4	6.77			10.85	8.34 E		14.61 E		17.94 E	18.13 E	17.57	17.79	4
5	6.84			10.77	8.51 E		14.69 E		17.95 E	18.16 E	17.57	17.83	5
6	6.90			10.45	8.69 E		14.79 E		18.04 E	18.12 E	17.56	17.87	6
7	6.86				8.82 E		14.88 E	17.13 E	18.46 E	18.06 E	17.54	17.89	7
8	7.01				8.80 E		15.00 E	17.14 E	18.55 E	17.99 E	17.60		8
9	7.10				8.87 E		15.11 E	17.19 E	18.24 E	18.04 E	17.64		9
10	7.17				8.97 E		15.19 E	17.24 E	18.17 E	18.02 E	17.59		10
11	7.09				9.05 E			17.27 E	18.13 E	17.97 E	17.69		11
12	7.22				9.21 E			17.31 E	18.17 E	18.03 E	17.74		12
13	7.28	9.51			9.34 E			17.34 E	18.15 E	18.07 E	17.75		13
14	7.34	9.61			9.50 E			17.34 E	18.14 E	18.10 E	17.72		14
15	7.45	9.67			9.65 E			17.39 E	18.15 E	18.11 E	17.73		15
16	7.49	9.72			9.81 E			17.45 E	18.11 E	18.12 E	17.75		16
17	7.51	9.79			9.92 E	13.21 E		17.49 E	18.13 E	18.07 E	17.79		17
18	7.56	9.86			9.72 E	13.29 E		17.49 E	18.16 E	18.00 E	17.80		18
19	7.63	9.96			9.36 E	10.13 E	13.34 E	17.53 E	18.17 E	18.00 E	17.79		19
20		10.01			8.85 E	10.25 E	13.41 E	17.57 E	18.12 E	17.99 E	17.79		20
21		10.14	11.19		8.39 E	10.35 E	13.49 E	17.61 E	18.13 E	17.98 E	17.79		21
22		10.17	11.10		8.08 E	10.48 E	13.56 E	17.63 E	18.08 E	18.02 E	17.80		22
23		10.24	11.15		7.90 E	10.60 E	13.65 E	17.68 E	18.13 E	18.06 E	17.80		23
24		10.31	11.19		7.94 E	10.73 E	13.77 E	17.70 E	18.15 E	18.01 E	17.85		24
25		10.45	11.22		7.92 E	10.88 E	13.86 E	17.72 E	18.12 E	17.92 E	17.85		25
26		10.48	11.27		7.72 E	11.02 E	13.96 E	17.74 E	18.03 E	17.64 E	17.87		26
27		10.49	11.28		7.65 E	11.15 E	14.07 E	17.80 E	18.03 E	17.50 E	17.89		27
28		10.59	11.29		7.67 E	11.28 E	14.11 E	17.84 E	18.10 E	17.55 E	17.90		28
29		10.67	11.32		7.68 E	11.40 E	14.13 E	17.85 E	18.41 E	17.65 E	17.90		29
30			11.32		7.76 E	11.49 E	14.23 E	17.83 E	18.22 E		17.90		30
31			11.29			11.57 E		17.85 E		17.58			31
-MONTHLY SUMMARY-													
MEAN					9.77				18.13	17.96	17.74		MEAN
INST					7.81				17.86	17.47	17.52		INST
MAX					(1)				(1)	(27)	(7)		MAX
INST					11.64				18.69	18.17	17.92		INST
MIN					(31)				(8)	(5)	(28)		MIN

ENVIRONMENT ONTARIO

1980

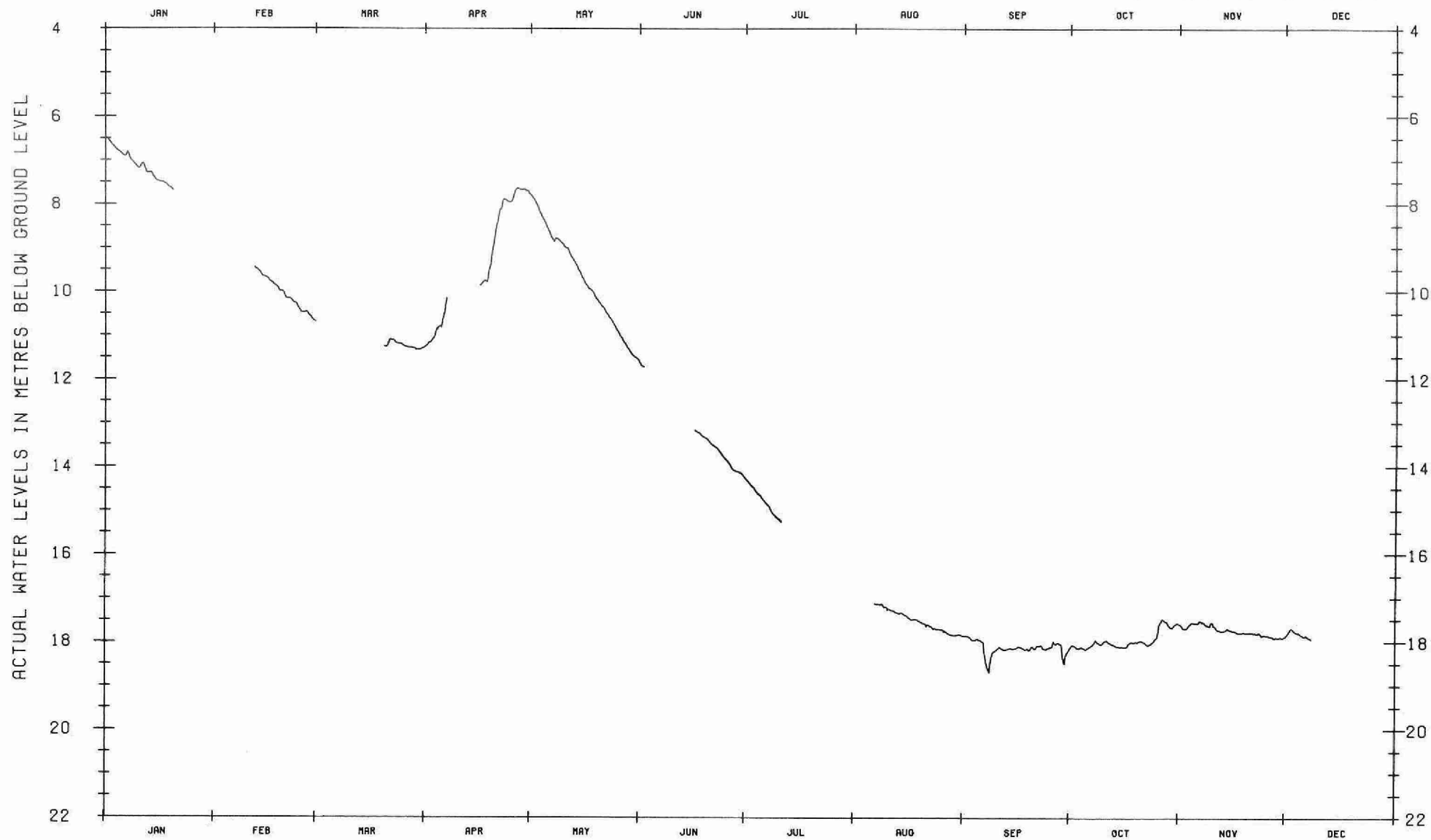
OBSERVATION WELL 550
TOWNSHIP OF HANMER



ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 556
TOWNSHIP OF ARMSTRONG





OBSERVATION WELL DATA

REGIONAL OFFICE
THUNDER BAY
435 James St. S.
P.O. Box 5000
807-475-1205

DISTRICT OFFICE
Kenora
203 First St. S.
807-468-5578

LEGEND

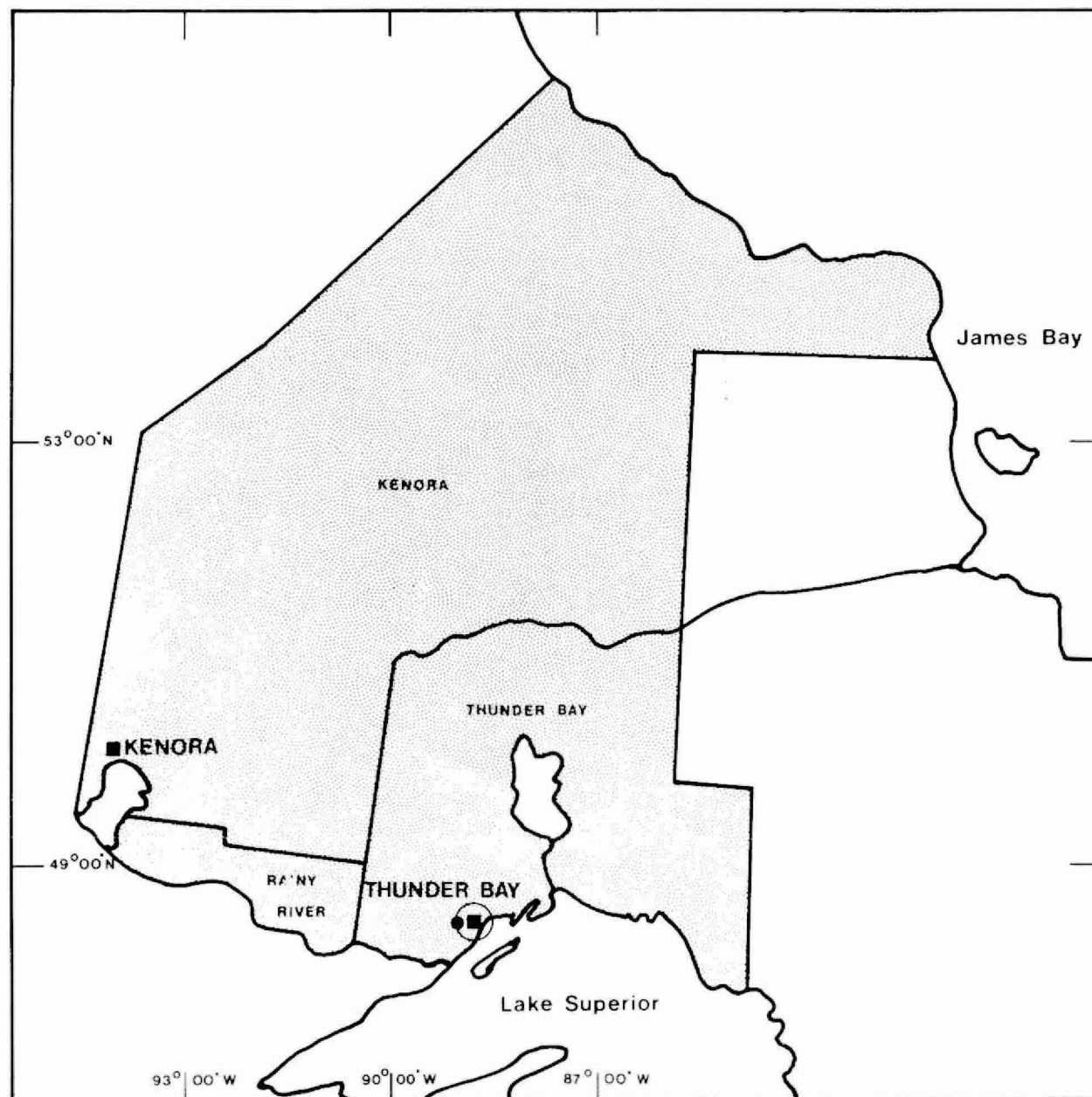
Regional Office

District Office

Recording Observation Well

Number of Recording Wells
in same location

Manually Measured Well

Number of Manually Measured Wells
in same location

OBSERVATION WELL DISTRIBUTION

PROVINCE OF ONTARIO
TOWN OF
THUNDER BAY DISTRICT

OBSERVATION WELL SUR
TOWNSHIP OF PATRIDGE

KAM H 1 LOT 12

WELL REC #: 4101092
UTM CO-ORD: 7-16 E318300 N5359650
LAT & LONG: 46-22N08TH 89-26W08T

REC METHOD: A-35 RECORDER
REC COMM: JUL. 31 1978
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: GRILLED
WELL LOG: LOOSE GREY OVERBURDEN 2.4; VERY LOOSE TAN CLAY WITH SILT 6.7; LOOSE TAN CLAY WITH SILT 9.2; TIGHT GREY CLAY 22.9
HARD TAN CLAY WITH SILT 29.6; SOFT GREY CLAY WITH SILT 35.6; HARD GREY CLAY WITH ROCKS (35.1 - 35.4) 36; SOFT
LOOSE BLACK CLAY WITH NET SILT 37.2; LOOSE BLACK FINE SAND WITH SOME GRAVEL 37.5; FINE BLACK SAND WITH SILT 39.7
SOFT GREY SILT 41.5; HARD GREEN GRANITE 43.3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASTING: 30.9 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 38.4 METRES

PUMP RATE: 0.2 L/S
SPEC. CAP: 0.002 L/S/M
AQUIFER: SAND AND GRAVEL
QUALITY: FRESH

1980
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					22.64	23.06	22.85						1
2					22.90	23.08	22.70						2
3					22.96	22.91	22.63						3
4					23.35	22.80	22.77						4
5					23.47	22.96	22.84						5
6					23.58	22.87	22.82						6
7					23.59	22.99	22.88						7
8					23.57	23.05	22.74						8
9					23.60	23.01	22.91						9
10					23.66	22.92	22.85						10
11					23.59	22.65	22.15						11
12					23.61	22.79	22.49						12
13					23.60	22.79	22.44						13
14					23.57	22.90	22.32						14
15	21.64				23.46	22.82	22.39						15
16	21.71				23.32	22.66	22.60						16
17	21.74				23.28	22.65	22.70						17
18	21.73				23.14	22.57	22.78						18
19	21.70				23.11	22.52	22.42						19
20	21.67				23.06	22.46	22.79						20
21	21.72			22.17	23.07	22.40							21
22	21.80			22.18	22.91	22.30							22
23	21.76			22.22	22.81	22.21							23
24				22.25	22.69	22.34							24
25				22.33	22.64	22.18							25
26				22.40	22.88	22.17							26
27				22.44	22.80	22.34							27
28				22.46	22.86	22.76							28
29				22.56	22.87	22.87							29
30				22.70	23.07	22.86							30
31					23.01								31

MONTHLY SUMMARY

MEAN	23.19	22.70	MEAN
INST	22.55	22.09	INST
MAX	(25)	(26)	MAX
INST	23.69	23.14	INST
MIN	(10)	(11)	MIN

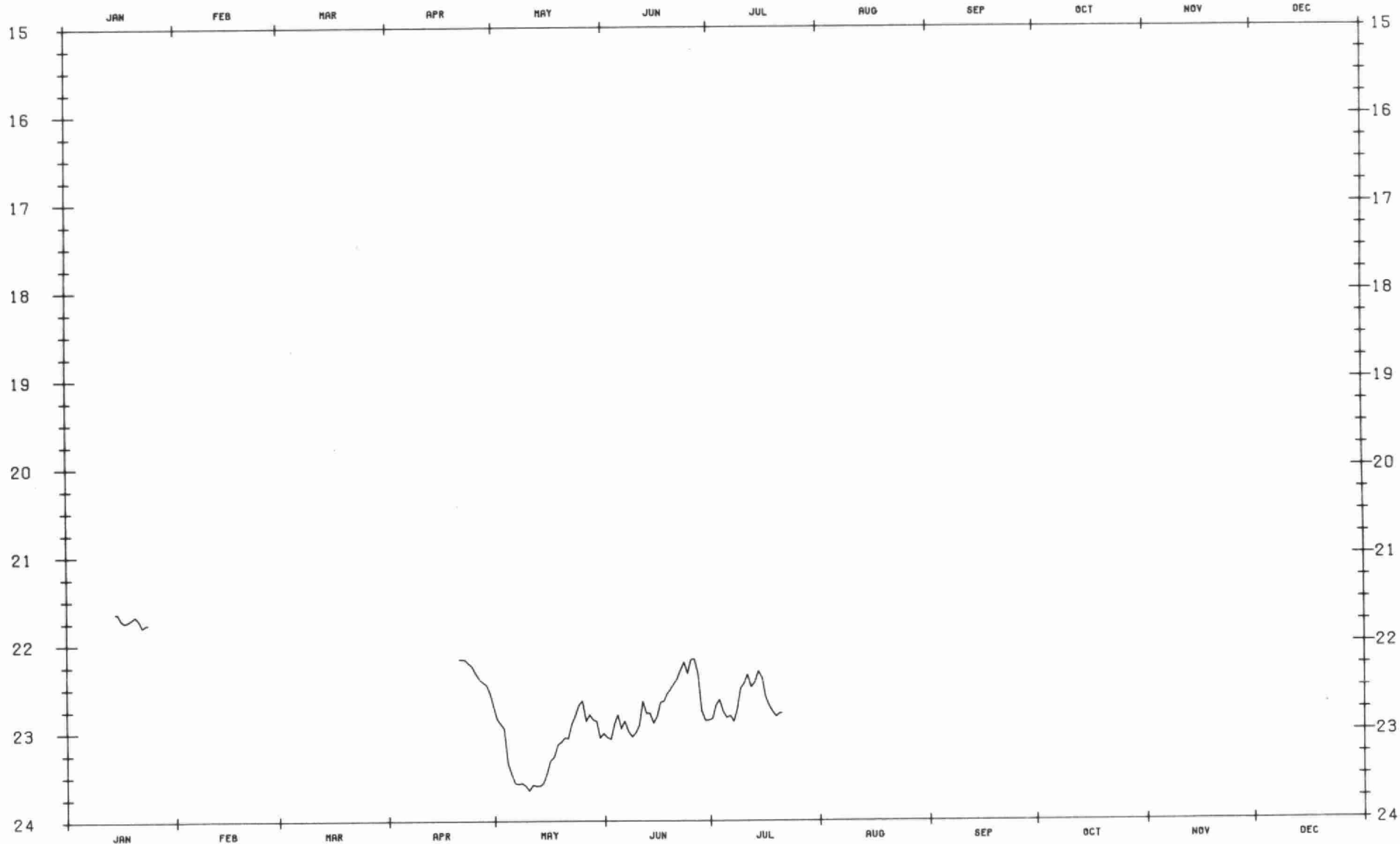
ENVIRONMENT ONTARIO

1980

OBSERVATION WELL 548
TOWNSHIP OF PAIPOONGE

DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL

124



METRIC - IMPERIAL CONVERSION FACTORS

<u>Multiply Metric Units</u>	<u>by</u>	<u>To Obtain Imperial Units</u>
Centimetres (cm)	0.394	Inches (in)
Metres (m)	3.28	Feet (ft)
Litres/sec (L/s)	13.2	Imperial gallons/min (Igpm)
Litres/sec/metre(L/s/m)	4.02	Imperial gallons/min/ft (Igpm/ft)

CONVERSION TABLE - METRES TO FEET

Metres	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	Feet									
0	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0
1	3.3	3.6	3.9	4.3	4.6	4.9	5.2	5.6	5.9	6.2
2	6.6	6.9	7.2	7.5	7.9	8.2	8.5	8.9	9.2	9.5
3	9.8	10.2	10.5	10.8	11.2	11.5	11.8	12.1	12.5	12.8
4	13.1	13.5	13.8	14.1	14.4	14.8	15.1	15.4	15.7	16.1
5	16.4	16.7	17.1	17.4	17.7	18.0	18.4	18.7	19.0	19.4
6	19.7	20.0	20.3	20.7	21.0	21.3	21.7	22.0	22.3	22.6
7	23.0	23.3	23.6	23.9	24.3	24.6	24.9	25.3	25.6	25.9
8	26.2	26.6	26.9	27.2	27.6	27.9	28.2	28.5	28.9	29.2
9	29.5	29.9	30.2	30.5	30.8	31.2	31.5	31.8	32.2	32.5
10	32.8	33.1	33.5	33.8	34.1	34.4	34.8	35.1	35.4	35.8
11	36.1	36.4	36.7	37.1	37.4	37.7	38.1	38.4	38.7	39.0
12	39.4	39.7	40.0	40.3	40.7	41.0	41.3	41.7	42.0	42.3
13	42.6	43.0	43.3	43.6	44.0	44.3	44.6	44.9	45.3	45.6
14	45.9	46.3	46.6	46.9	47.2	47.6	47.9	48.2	48.6	48.9
15	49.2	49.5	49.9	50.2	50.5	50.8	51.2	51.5	51.8	52.2
16	52.5	52.8	53.1	53.5	53.8	54.1	54.5	54.8	55.1	55.4
17	55.8	56.1	56.4	56.7	57.1	57.4	57.7	58.1	58.4	58.7
18	59.0	59.4	59.7	60.0	60.4	60.7	61.0	61.4	61.7	62.0
19	62.3	62.7	63.0	63.3	63.6	64.0	64.3	64.6	65.0	65.3
20	65.6	65.9	66.3	66.6	66.9	67.2	67.6	67.9	68.2	68.6
21	68.9	69.2	69.5	69.9	70.2	70.5	70.9	71.2	71.5	71.8
22	72.2	72.5	72.8	73.1	73.5	73.8	74.1	74.5	74.8	75.1
23	75.4	75.8	76.1	76.4	76.8	77.1	77.4	77.8	78.1	78.4
24	78.7	79.1	79.4	79.7	80.0	80.4	80.7	81.0	81.4	81.7
25	82.0	82.3	82.7	83.0	83.3	83.6	84.0	84.3	84.6	85.0
26	85.3	85.6	85.9	86.3	86.6	86.9	87.3	87.6	87.9	88.3
27	88.6	88.9	89.2	89.5	89.9	90.2	90.6	90.9	91.2	91.5
28	91.8	92.2	92.5	92.8	93.2	93.5	93.8	94.2	94.5	94.8
29	95.1	95.5	95.8	96.1	96.4	96.8	97.1	97.4	97.8	98.1
30	98.4	98.7	99.1	99.4	99.7	100.0	100.4	100.7	101.0	101.4
31	101.7	102.0	102.3	102.7	103.0	103.3	103.7	104.0	104.3	104.7
32	105.0	105.3	105.6	105.9	106.3	106.6	107.0	107.3	107.6	107.9
33	108.2	108.6	108.9	109.2	109.6	109.9	110.2	110.6	110.9	111.2
34	111.5	111.9	112.2	112.5	112.8	113.2	113.5	113.8	114.2	114.5
35	114.8	115.1	115.5	115.8	116.1	116.4	116.8	117.1	117.5	117.8



96936000119399

Date Due

[illegible]

MOE/WRB/GWS/2-107
Ontario Ministry of the En
Data for observation
wells in Ontario 1980 aogf
c.2 a aa

MINISTRY OF THE ENVIRONMENT

PRINTED IN CANADA